

*C.B. Hedden*

NOT TO BE CARRIED IN AIRCRAFT.

VA  
454  
P58  
1918  
NMAH

COPY No. 135

C.B. 848.

H.M. SHIPS, ETC.

AS SEEN

FROM THE AIR.

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AUGUST, 1918.

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SECRET.

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VA  
454  
P58  
1918  
NNAH

C.B. 848.

PHOTOGRAPHS OF  
H.M. VESSELS & AUXILIARIES  
AND  
OTHER OBJECTS  
TAKEN FROM THE AIR.

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(This book is NEVER to be carried in any Aircraft  
heavier or lighter than air.)

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AUGUST, 1918.

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*Naval Staff,  
Intelligence Department.*





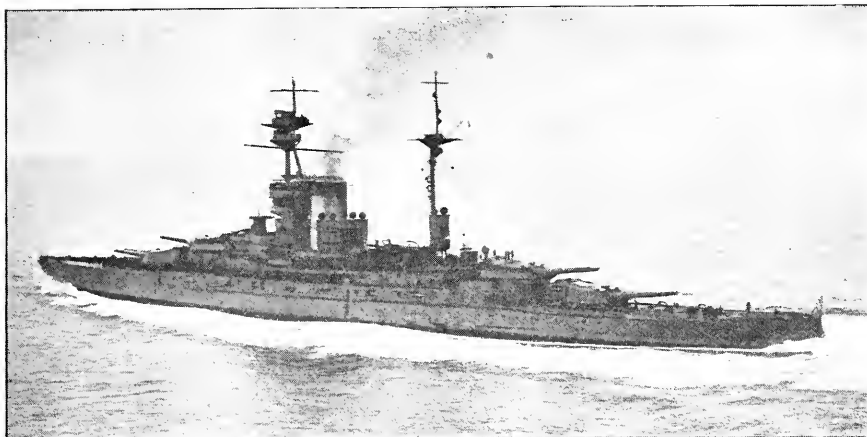
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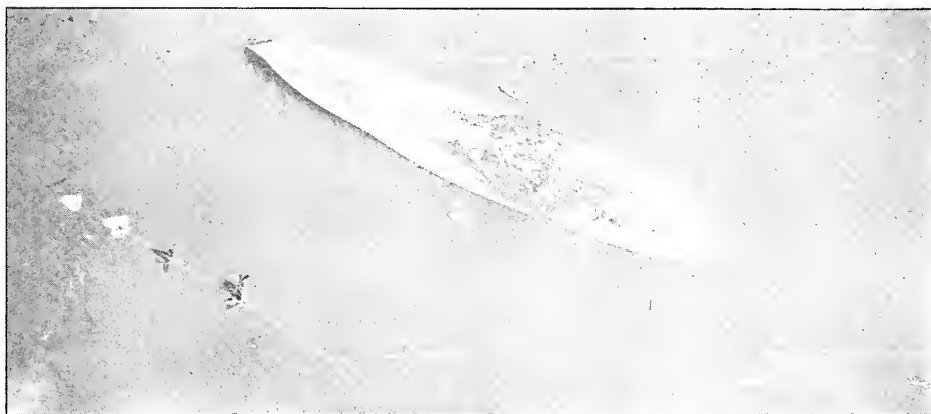
## BATTLESHIPS.



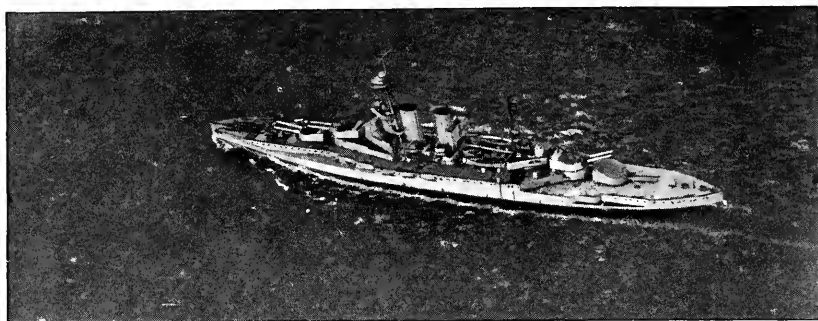
REVENGE.



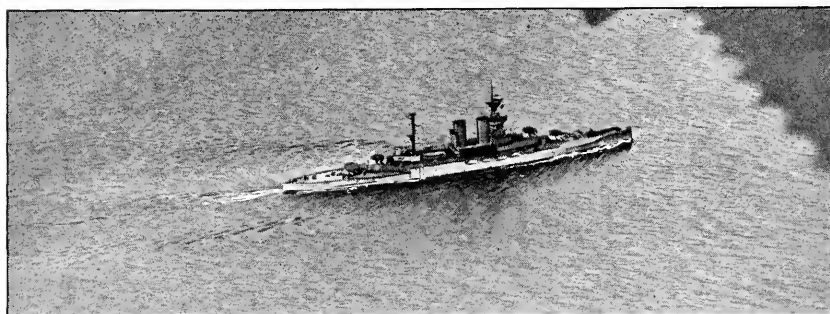
REVENGE (Dazzle Painted).



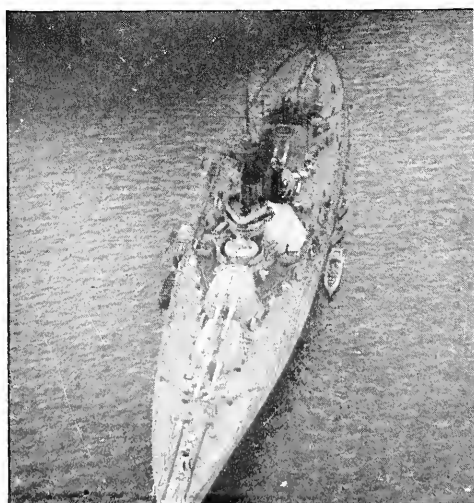
ROYAL SOVEREIGN.

BATTLESHIPS (*continued*).

MALAYA.



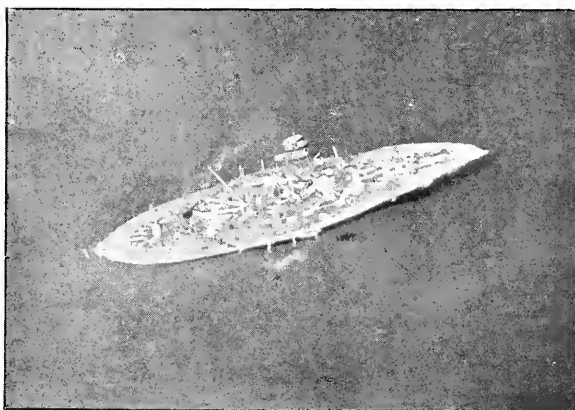
WARSPITE.



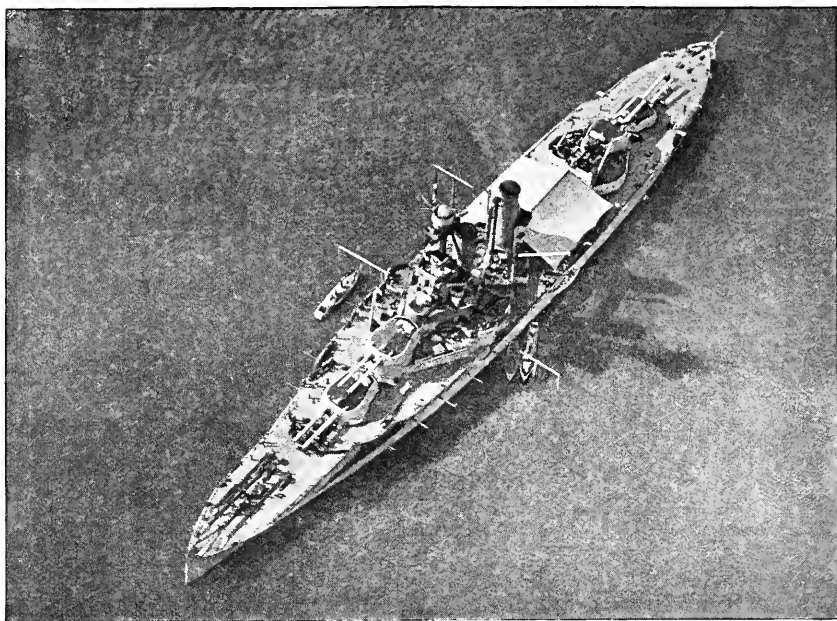
ERIN.



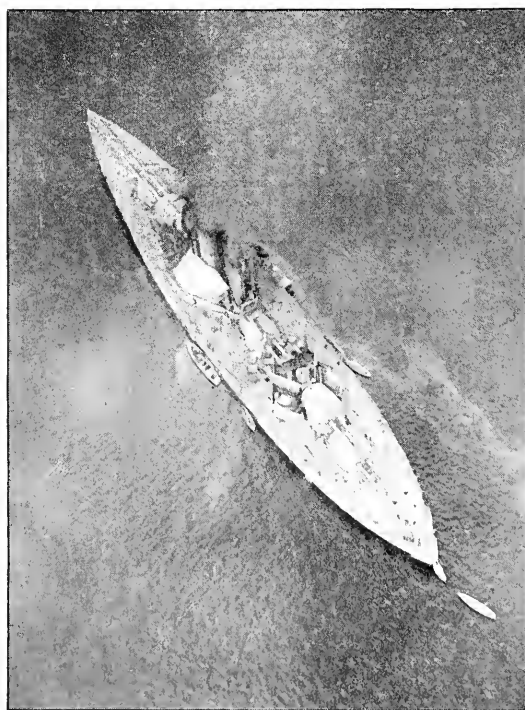
BENBOW.



AGINCOURT

BATTLESHIPS (*continued*).

IRON DUKE.



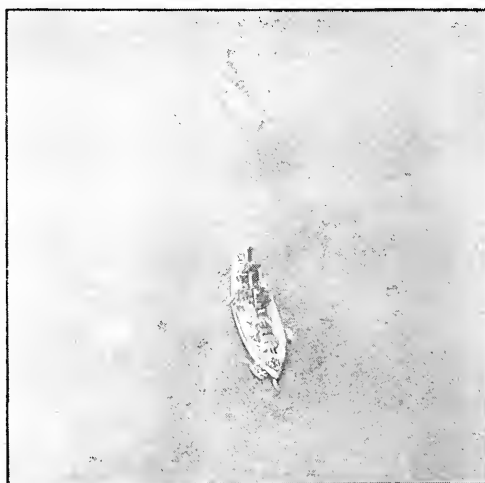
CENTURION.

BATTLESHIPS (*continued*).

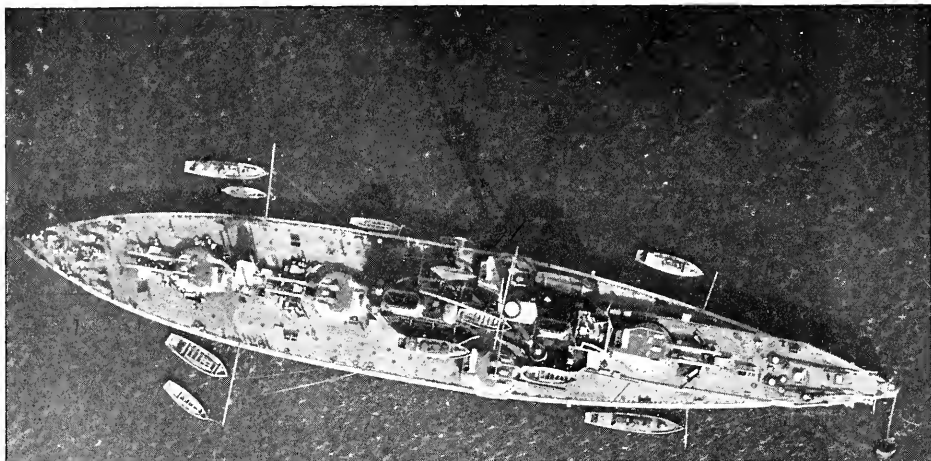
COLLINGWOOD (in foreground).    NEPTUNE (middle distance).



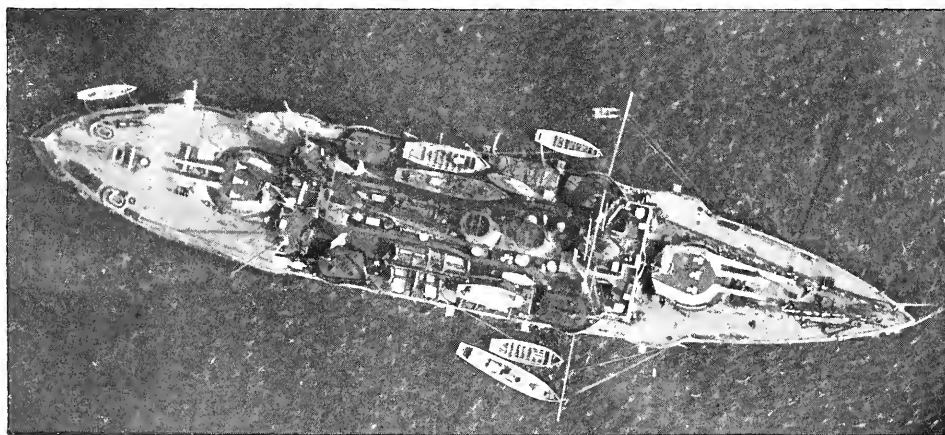
TEMERAIRE.



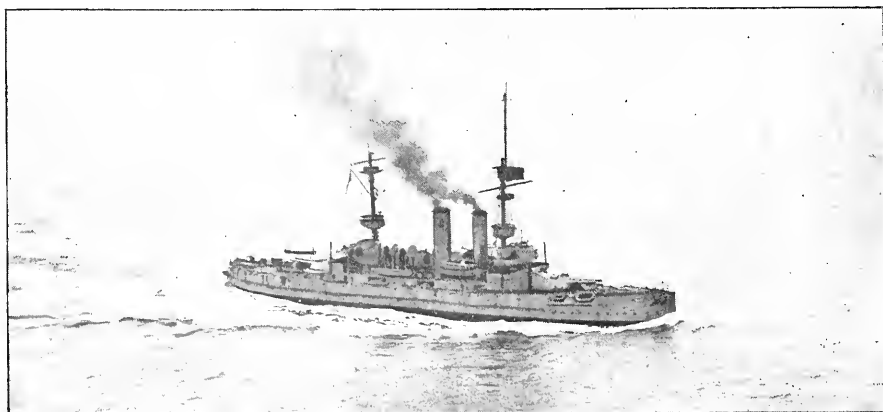
BELLEROPHON.

BATTLESHIPS (*continued*).

DREADNOUGHT.



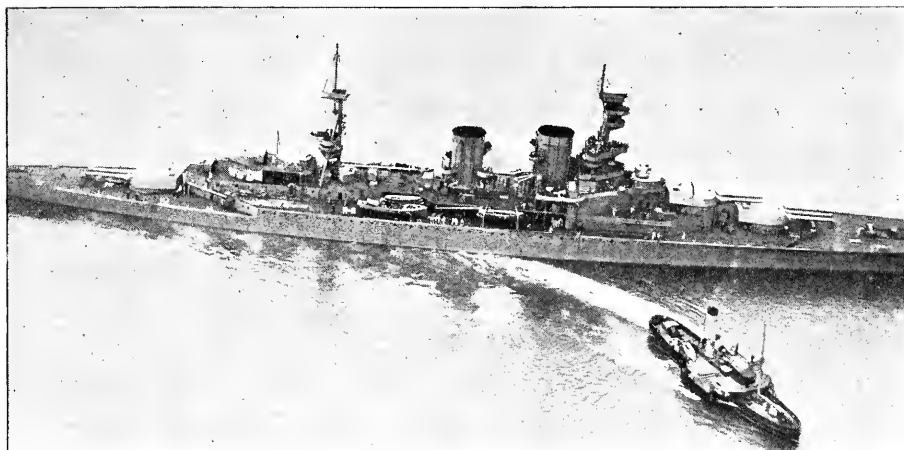
DOMINION.



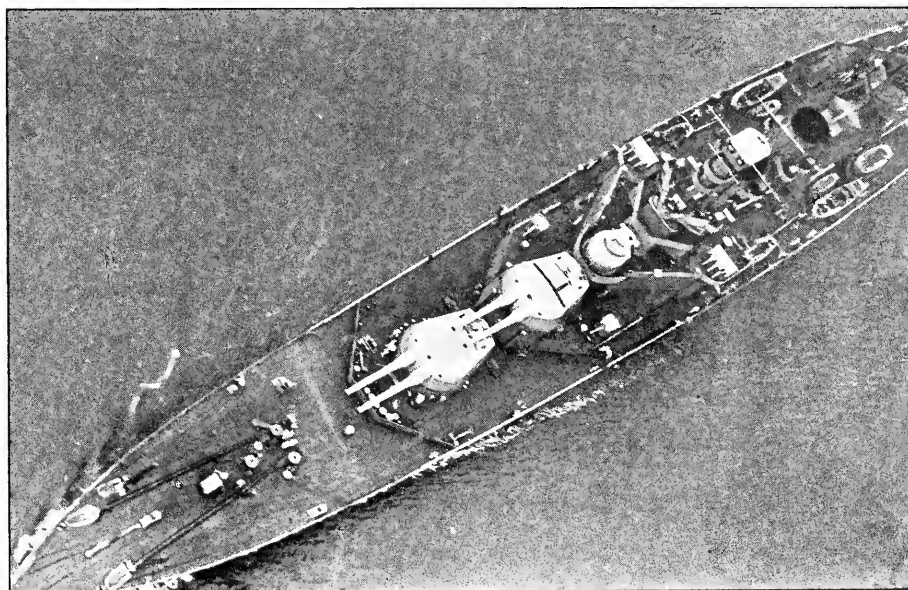
IMPLACABLE.



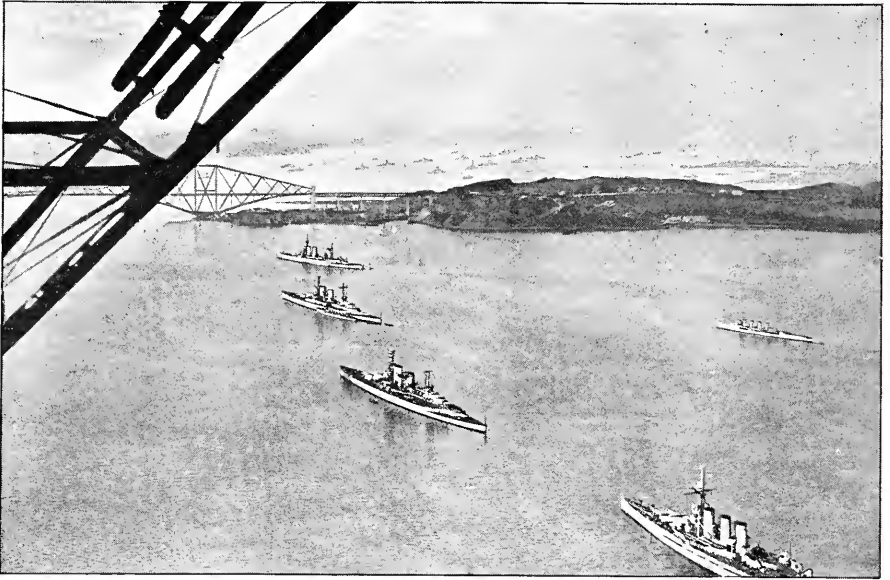
## BATTLE-CRUISERS.



REPULSE.

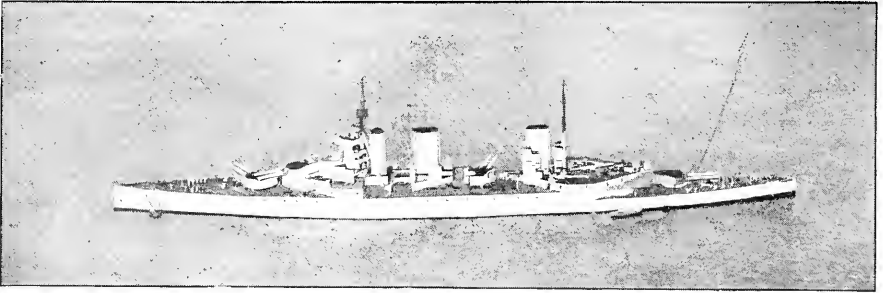


REPULSE.

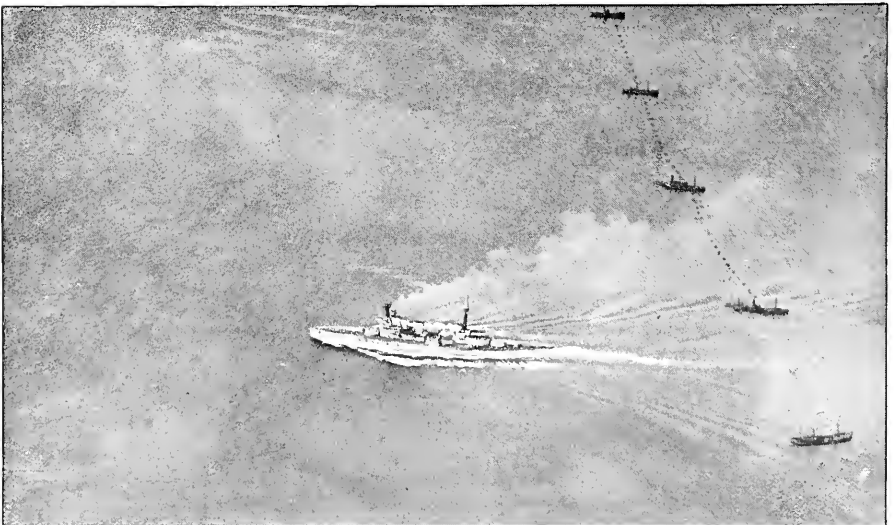
BATTLE-CRUISERS (*continued*).

PRINCESS ROYAL.  
RENOWN.  
REPULSE.

TIGER.

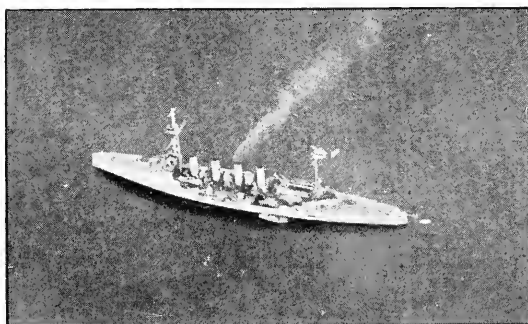


PRINCESS ROYAL.



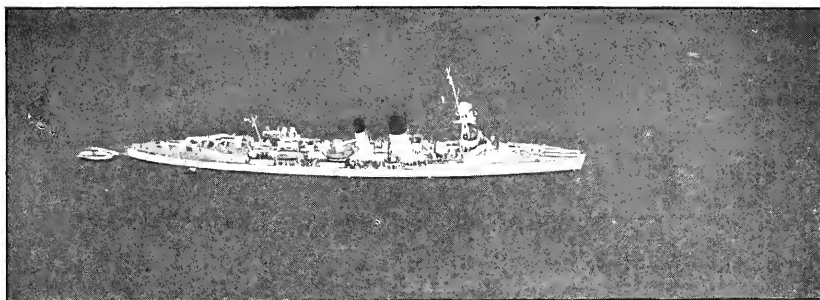
INDOMITABLE.

## CRUISER.



DUKE OF EDINBURGH.

# LIGHT CRUISERS.



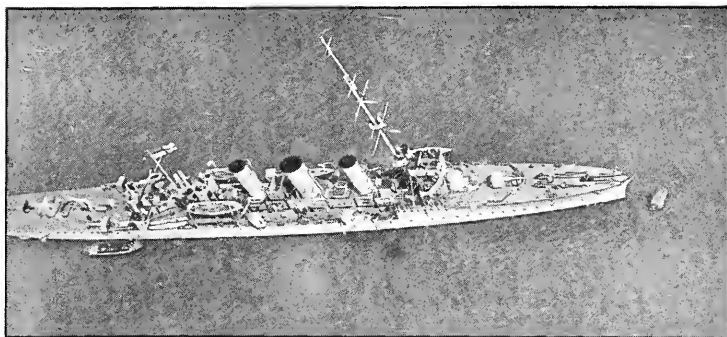
"CALEDON" CLASS.



"CORDELIA" CLASS.



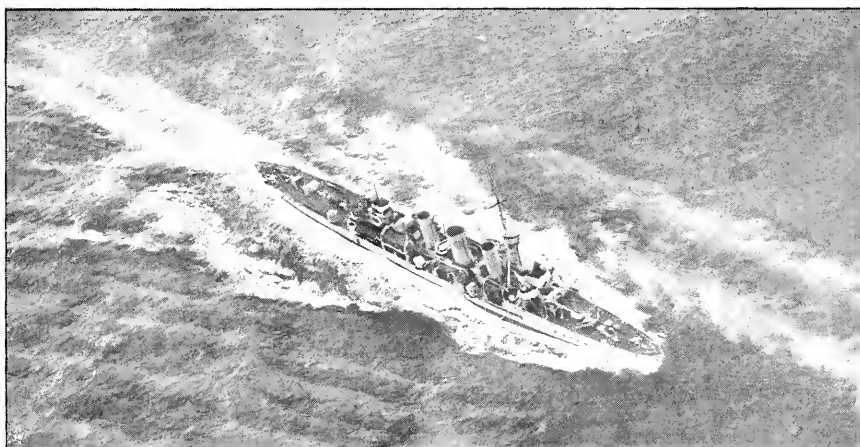
"CORDELIA" CLASS.

LIGHT CRUISERS (*continued*).

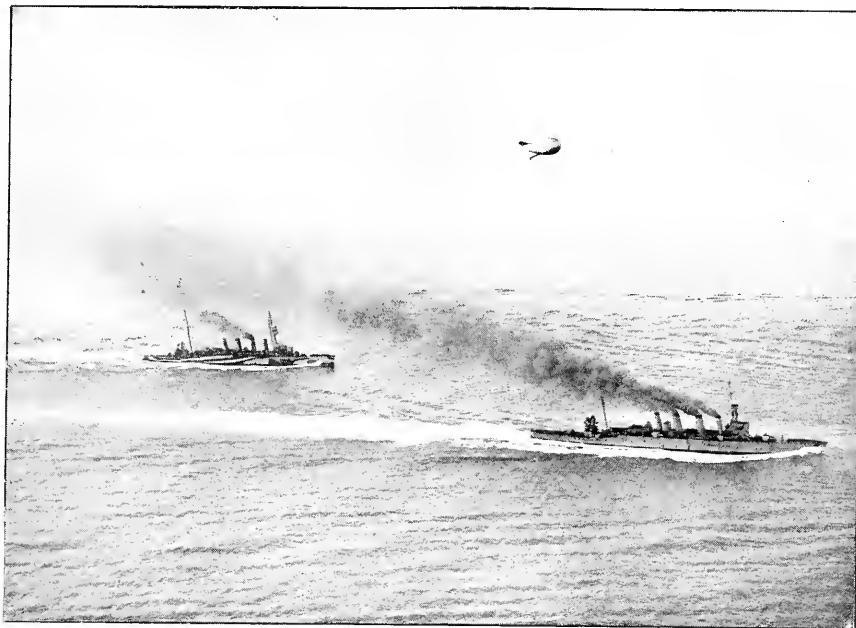
UNDAUNTED.



AURORA.

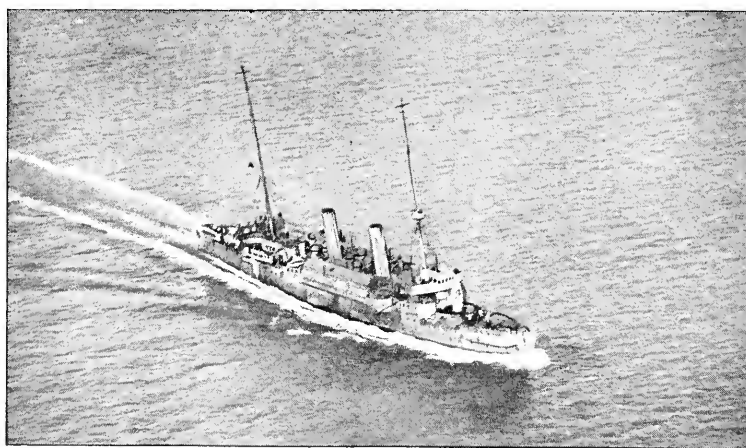


ROYALIST.

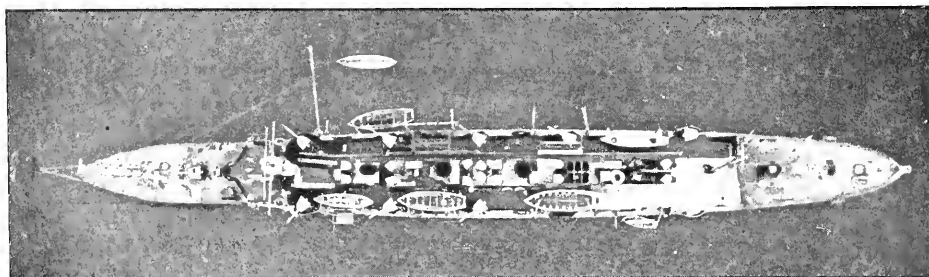
LIGHT CRUISERS (*continued*).

BIRMINGHAM.

"SOUTHAMPTON" CLASS.



"VENUS" CLASS.

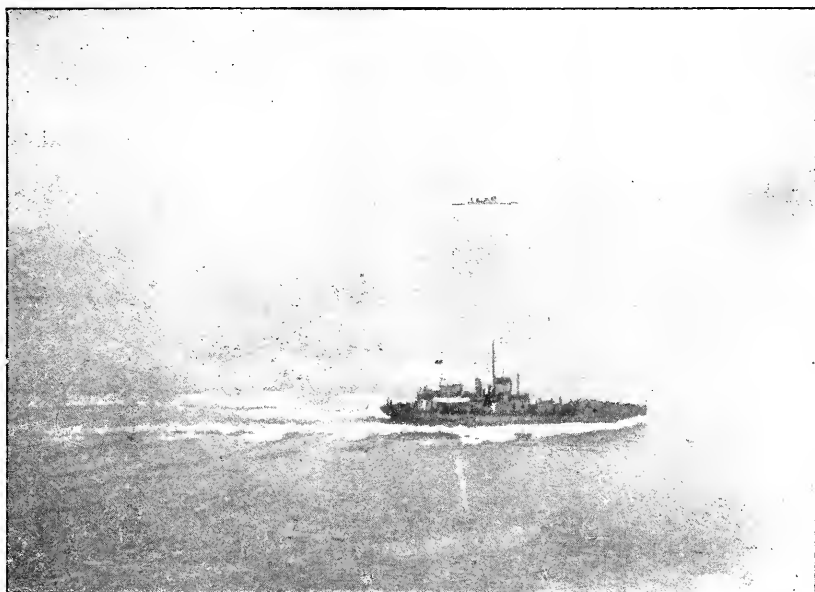


DIAMOND.

## MONITORS.



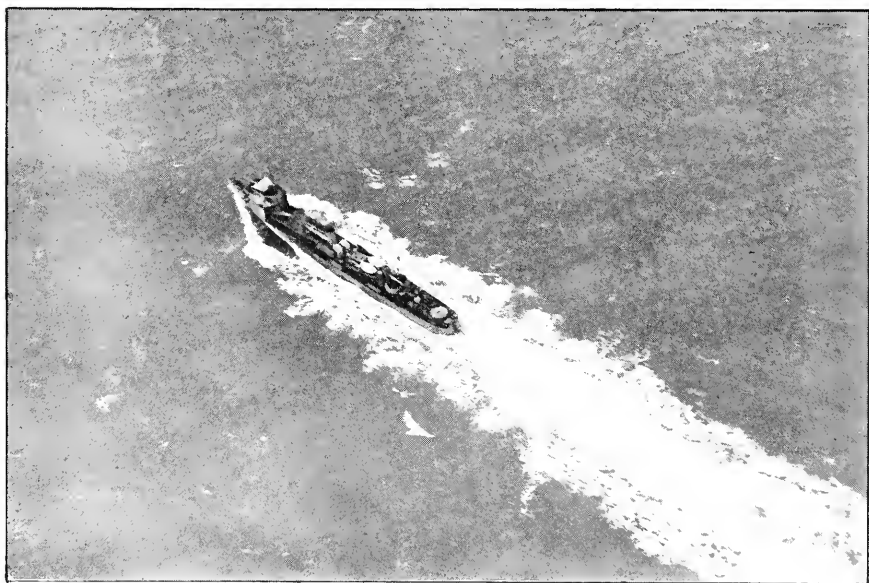
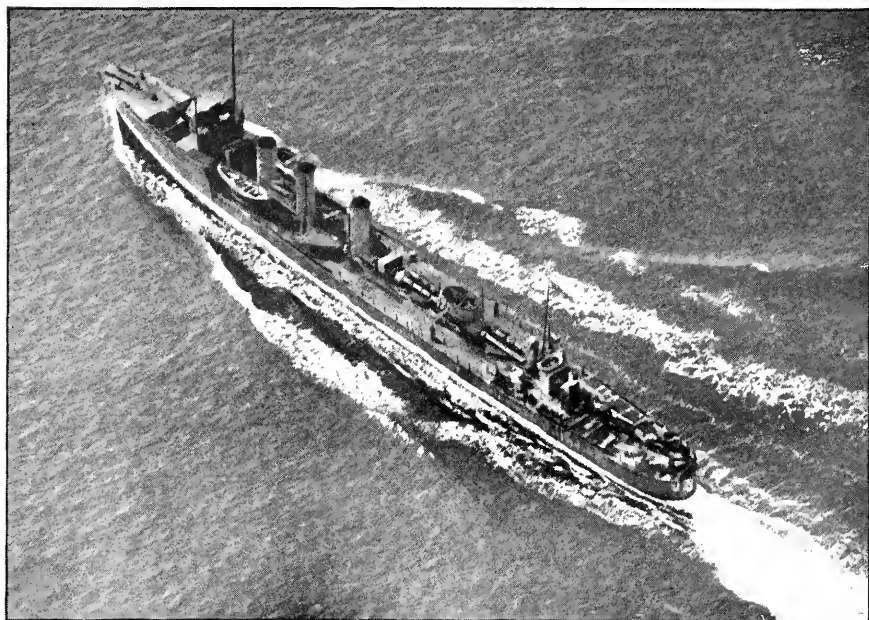
EREBUS or TERROR (with Seaplane).



"M" CLASS.



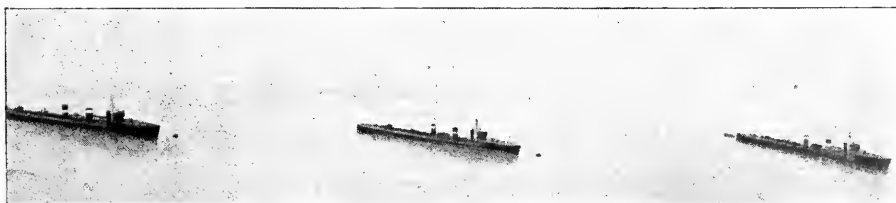
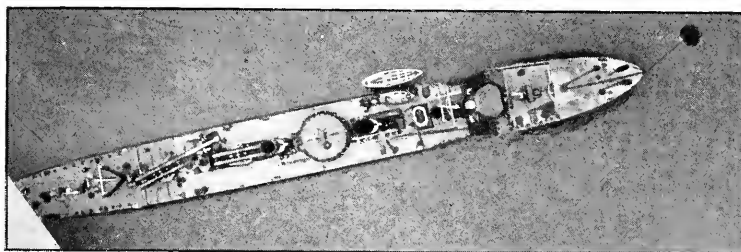
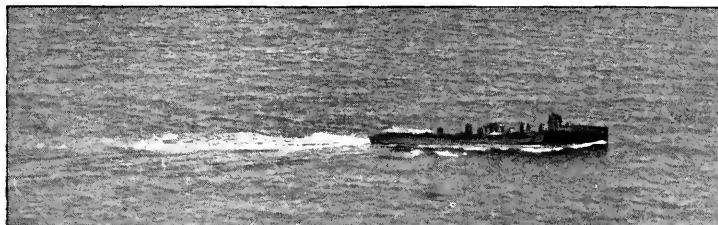
## TORPEDO BOAT DESTROYERS.

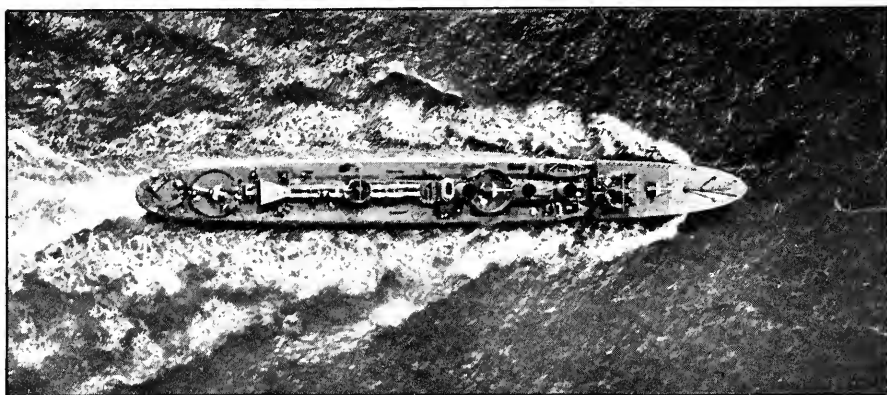


AT HIGH SPEED.

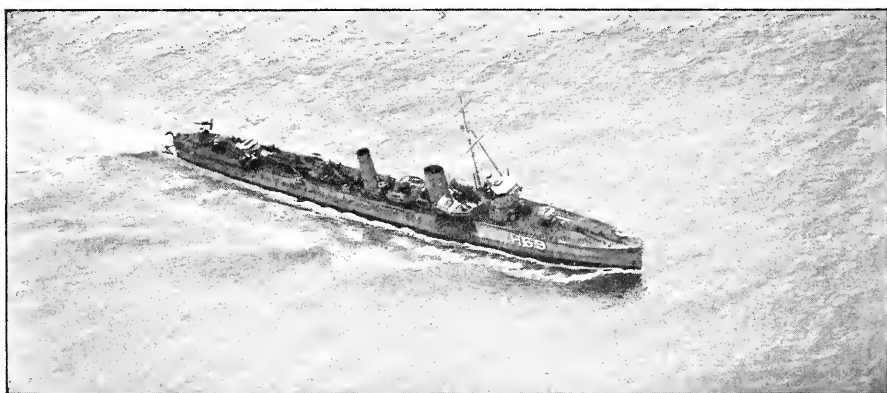


## TORPEDO BOAT DESTROYERS (continued).

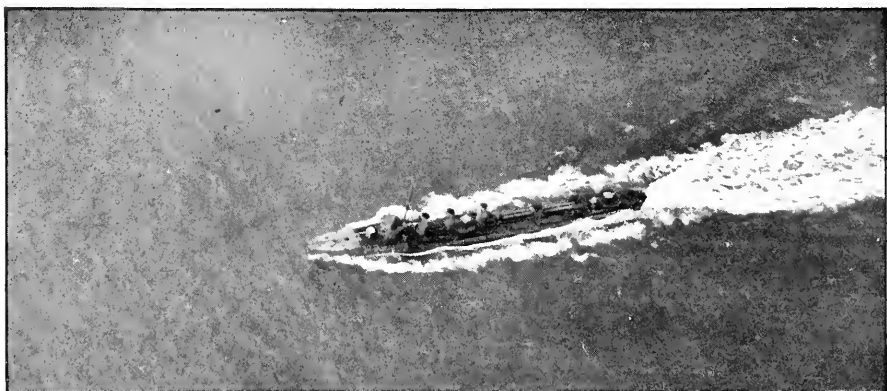


TORPEDO BOAT DESTROYERS (*continued*).

"M" CLASS (Admiralty Type).

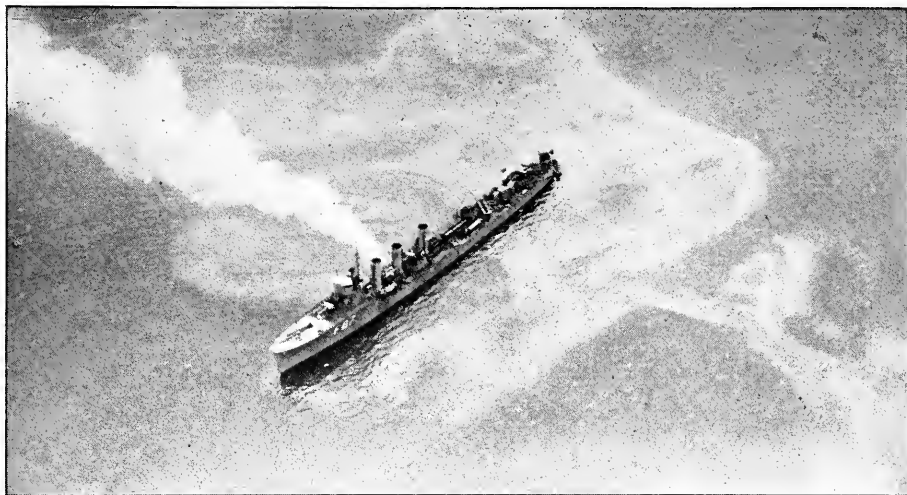


"M" CLASS (Yarrow Type).



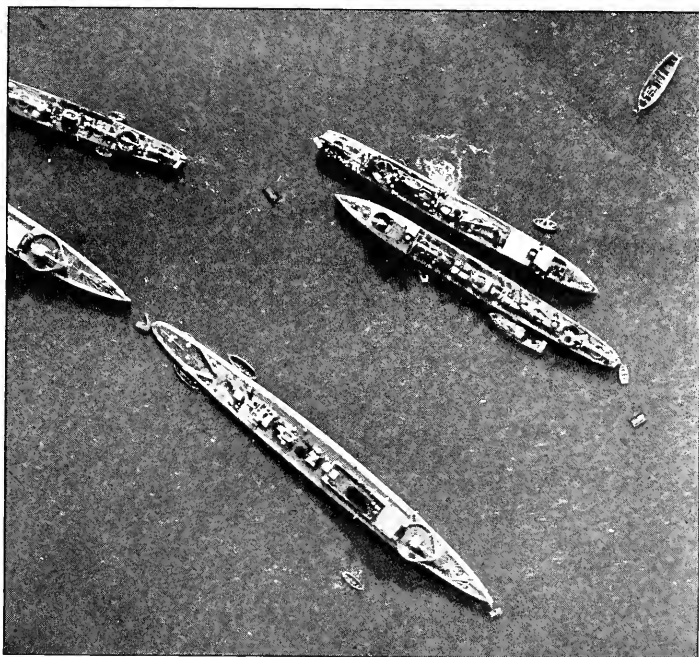
"M" CLASS (Admiralty Type).

# TORPEDO BOAT DESTROYERS *(continued)*.



"M" CLASS (Admiralty Type).  
(Steaming through patch of oil).

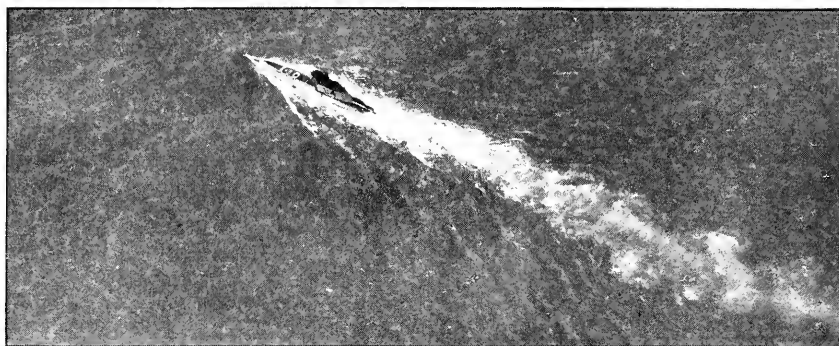
## TORPEDO BOATS AND PATROL BOATS.



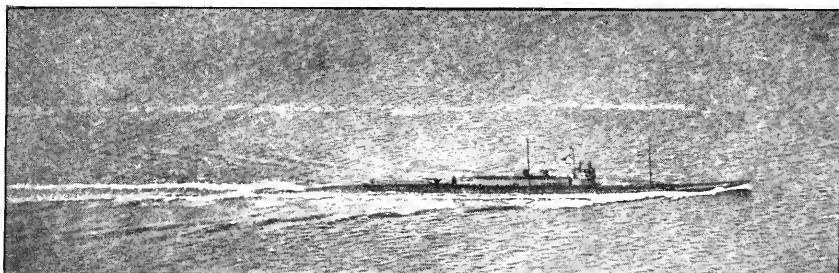
Patrol Boats.

Torpedo Boats.

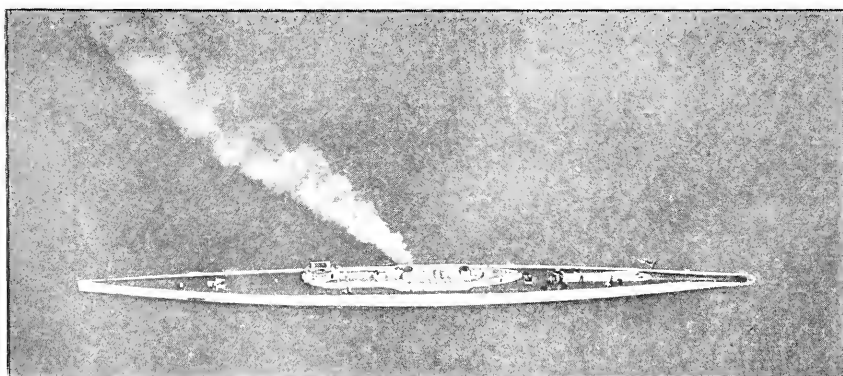
## SUBMARINES.



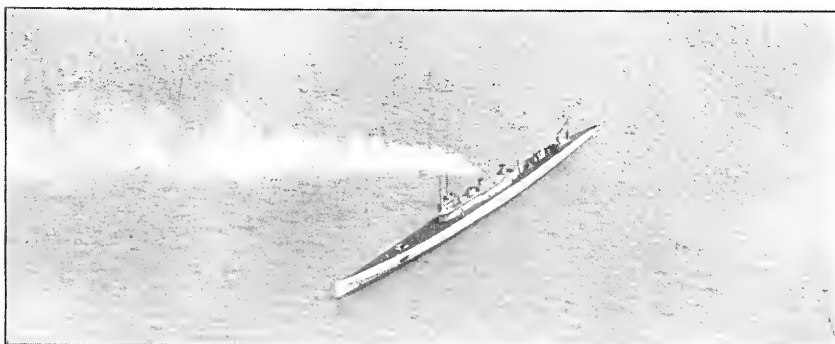
"L 4."



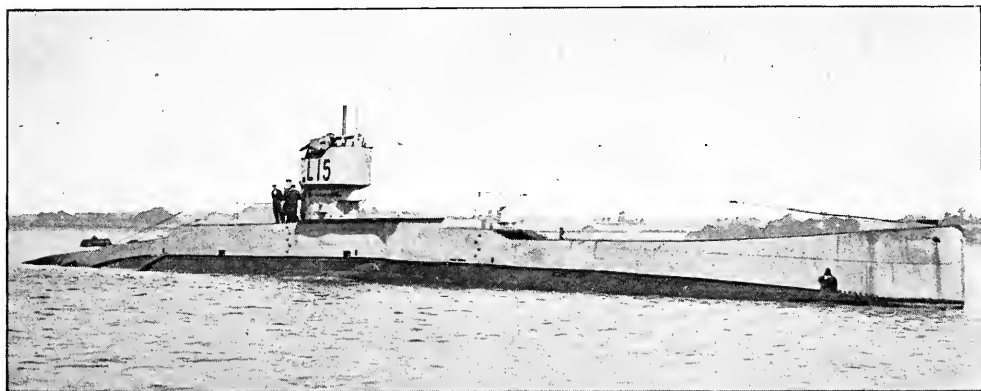
"K 7."



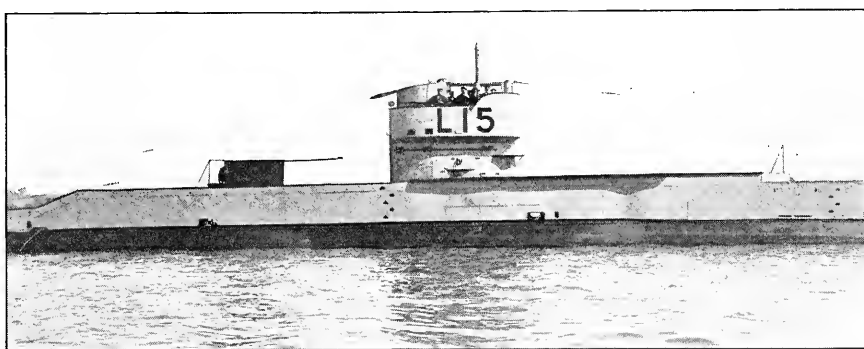
"K 5."



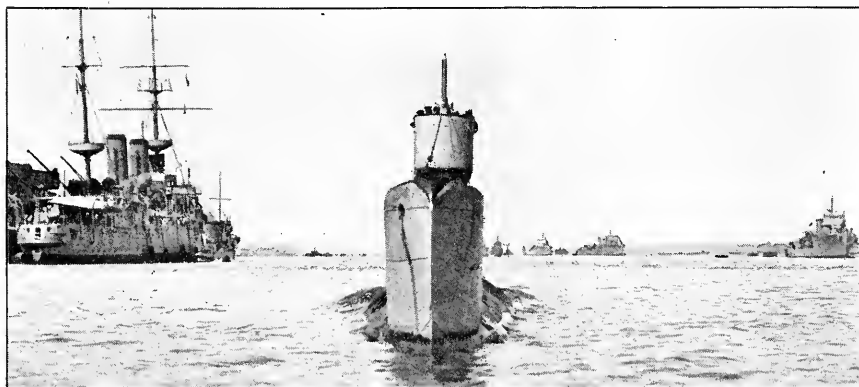
"K 5."

SUBMARINES (*continued*).

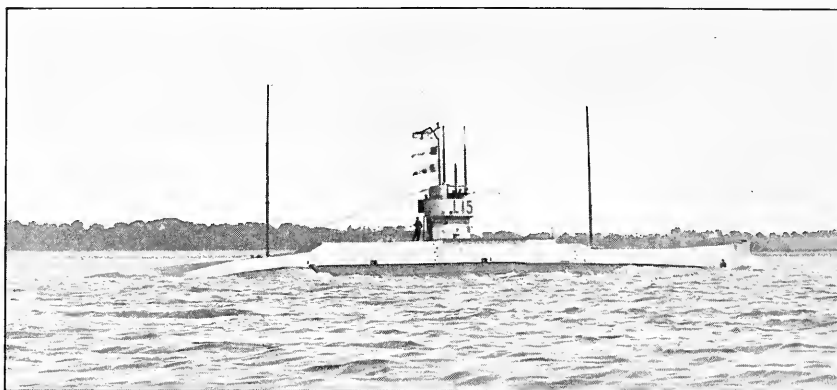
"L. 15."



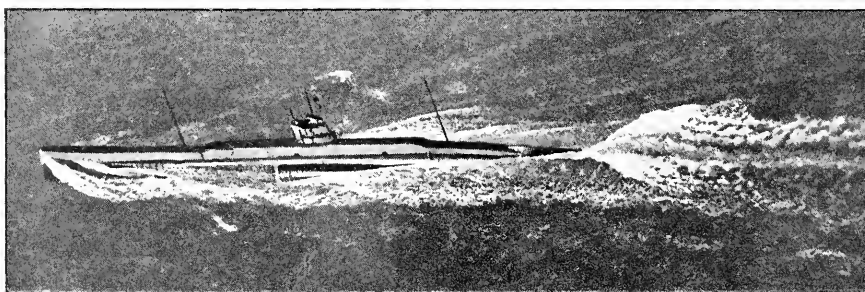
"L. 15." Conning Tower.



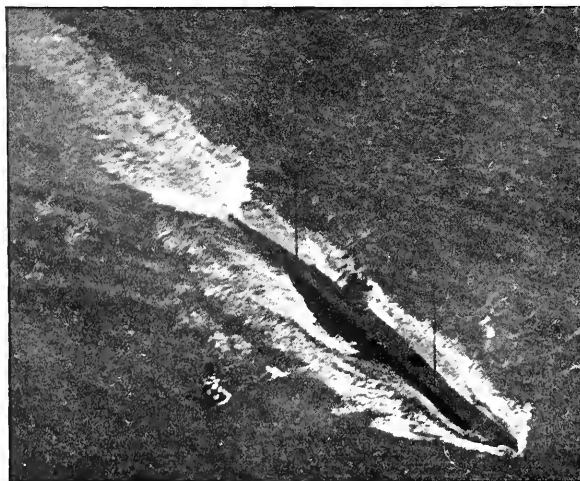
"L. 15." Bow View.

SUBMARINES *(continued)*.

"L. 15."

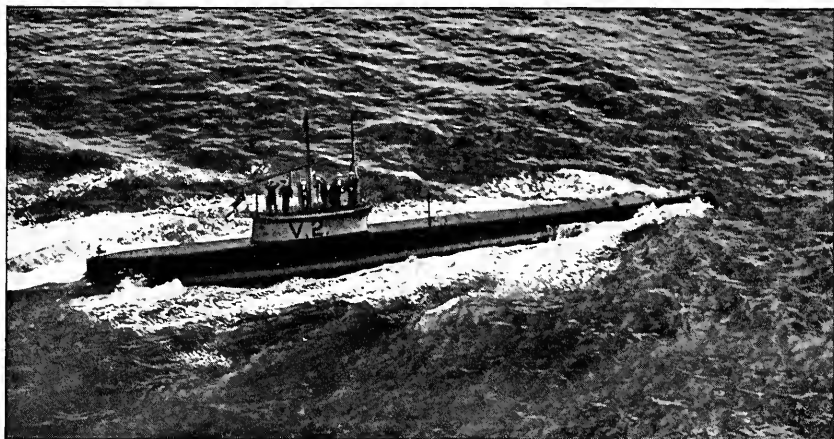


"L. 15."

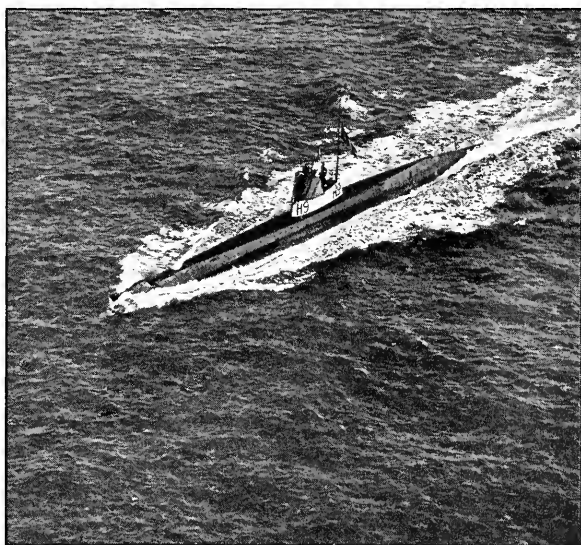


"L. 15."



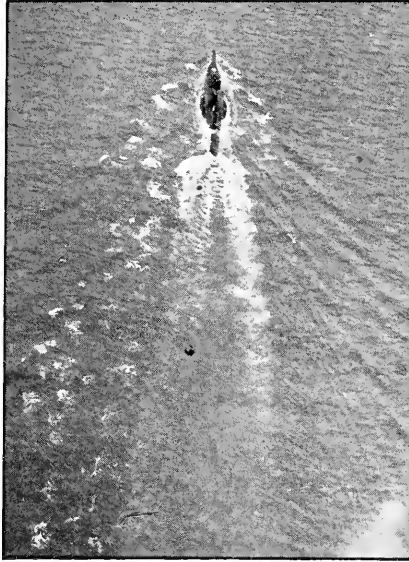


"V 2."



"H 9."

SUBMARINES (*continued*).

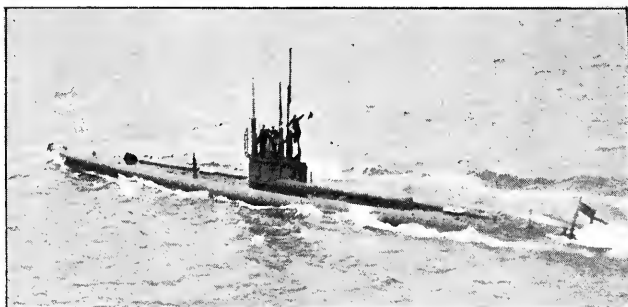


"G" CLASS.

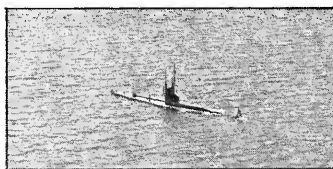


"G" CLASS.



SUBMARINES (*continued*).

"F 3."



"F 3."

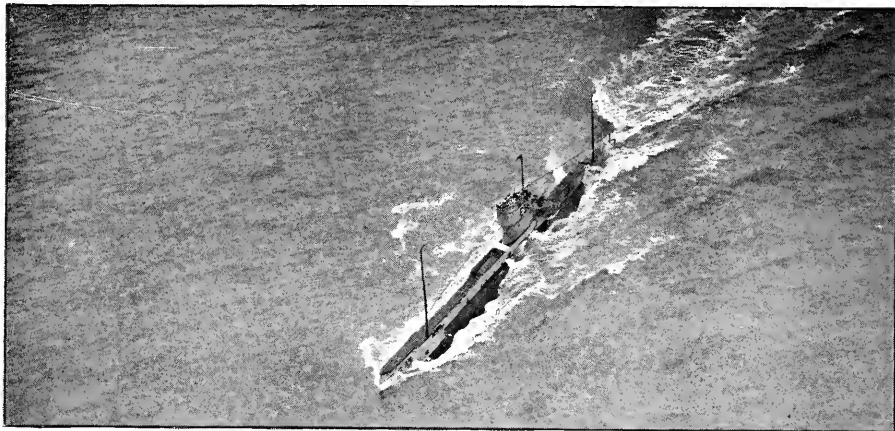


"F 3."

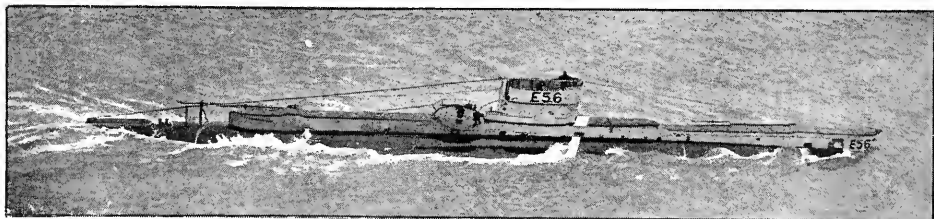
SUBMARINES (*continued*).

## " E " CLASS.

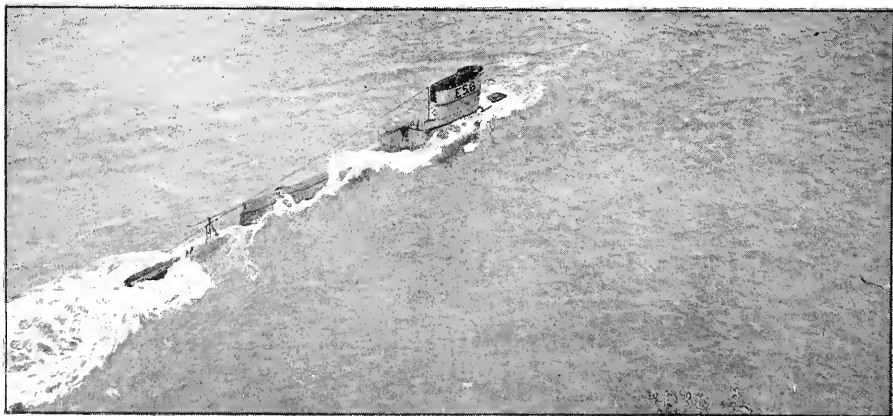
(In various stages of diving).  
Photographs are of " E 56."



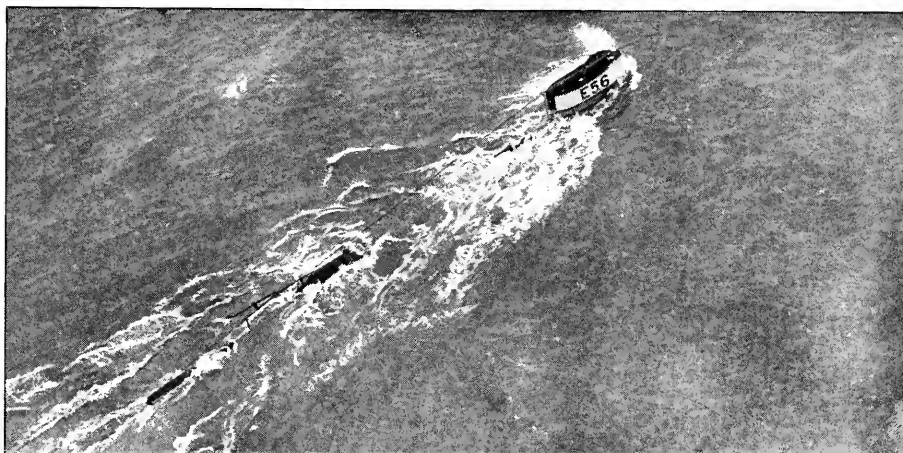
ON THE SURFACE (Masts up).



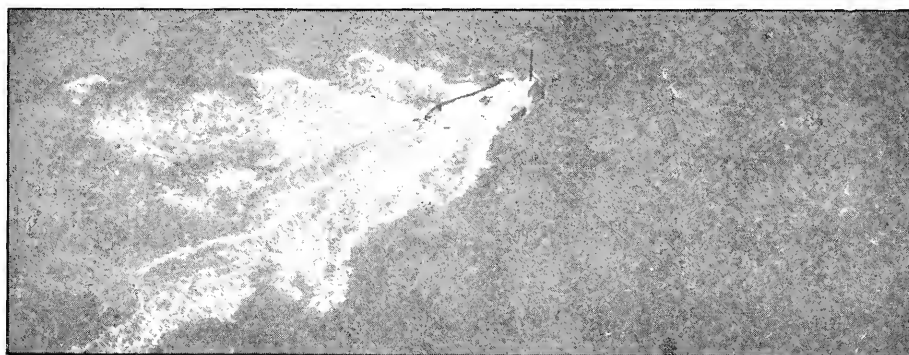
ON THE SURFACE (Masts down).



NOSE UNDER.



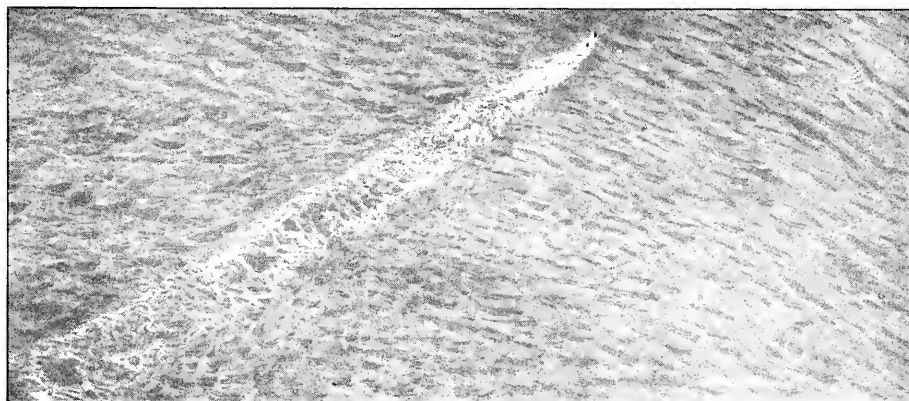
DECK AWASH.



CONNING TOWER AWASH.

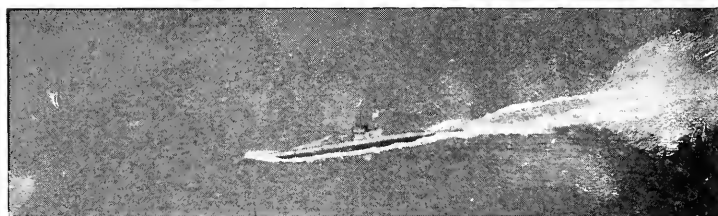


SUBMERGED (1 Periscope).



SUBMERGED (2 Periscopes).

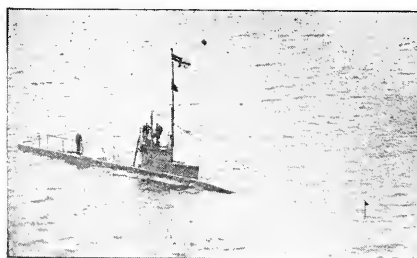
# SUBMARINES (continued)



"D 6."



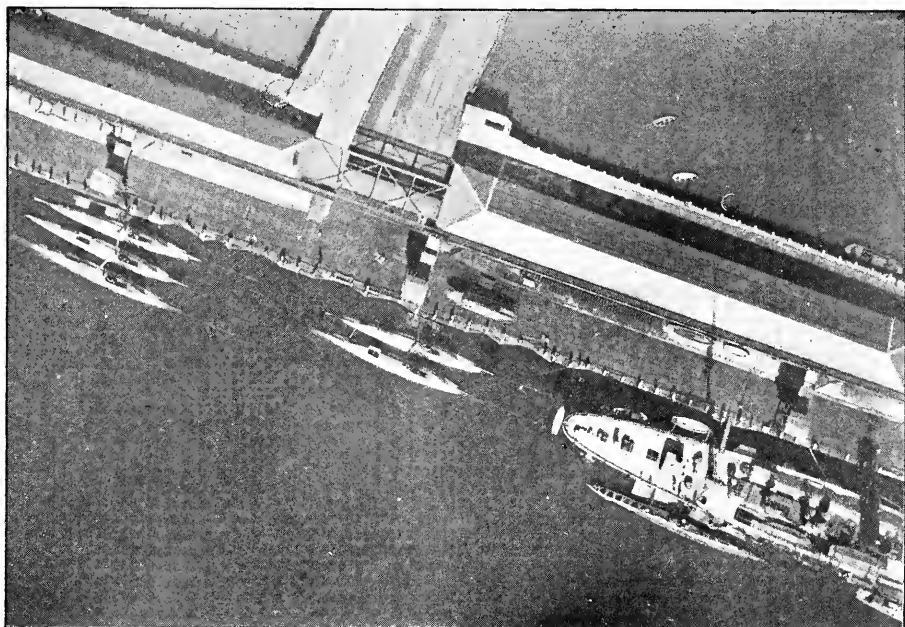
"D 4."



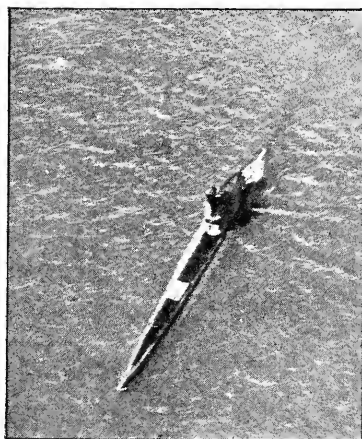
"C 34."



"C 34."



"C CLASS."



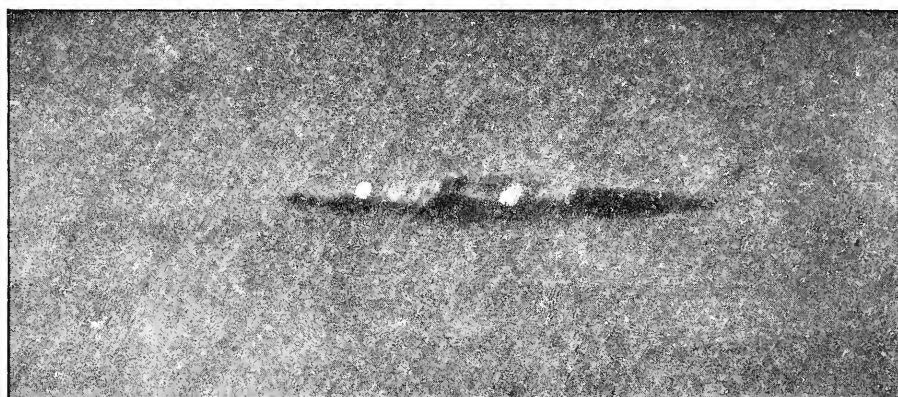
"B 1."



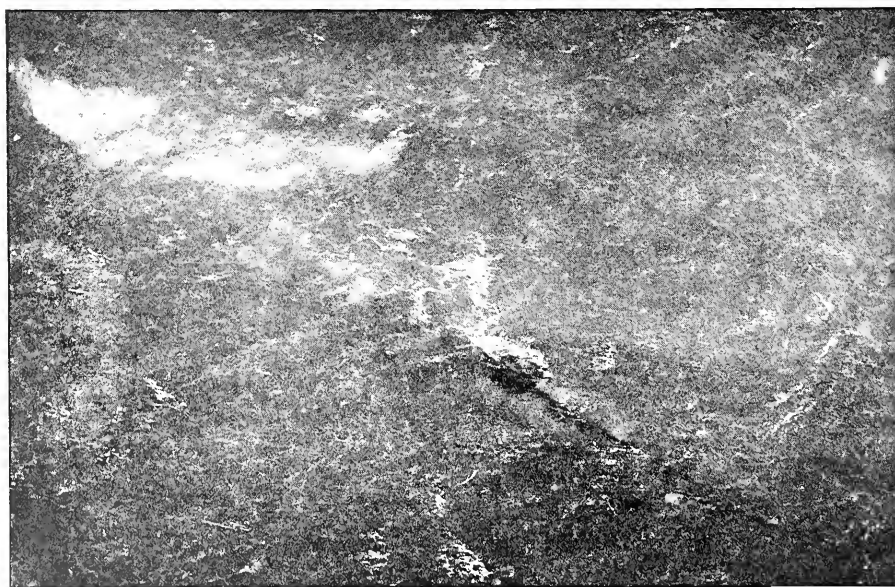
"B 1."



## OUTLINES OF SUBMERGED SUBMARINES.



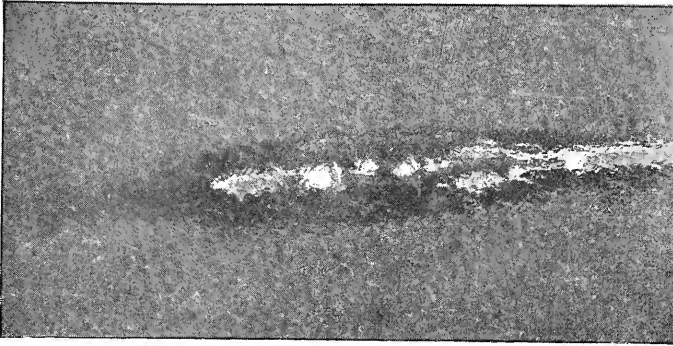
Painted so as to be distinguished readily.



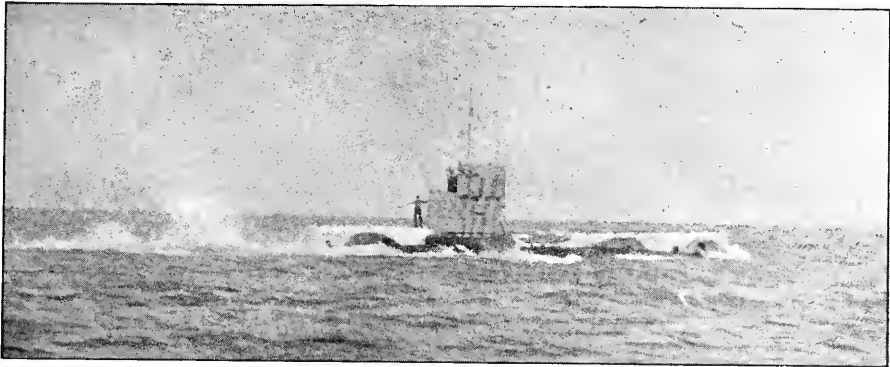
Painted so as to be difficult to detect.

# SUBMARINES.

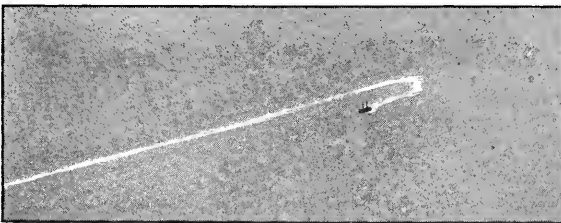
GENERAL.



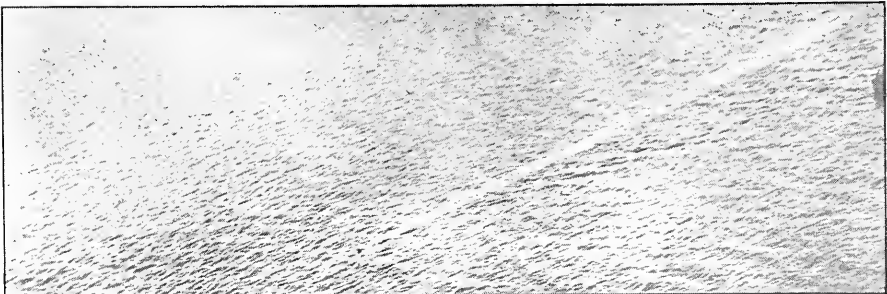
Outline of Submerged Submarine.



Dazzle Painted Submarine.

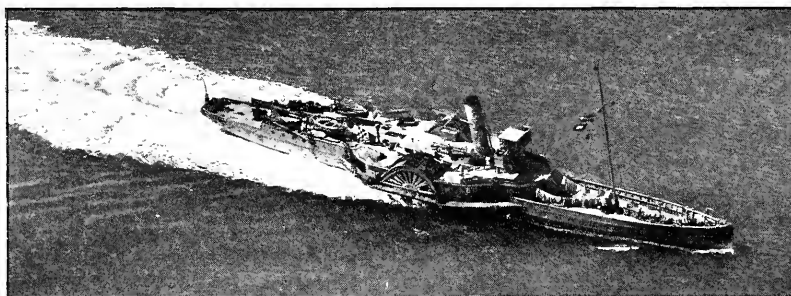
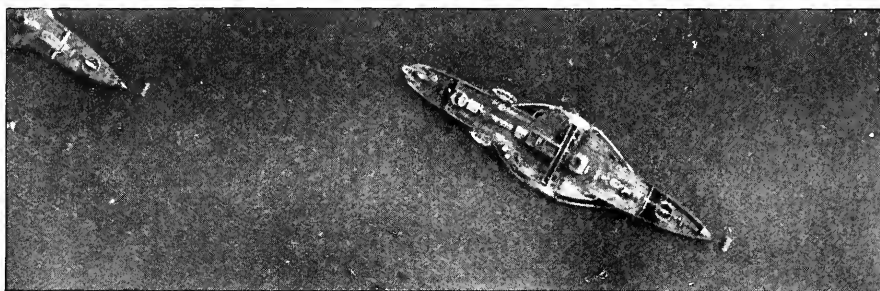


Submarine rising to surface after firing Torpedo.  
Speed of Vessel—8 knots.



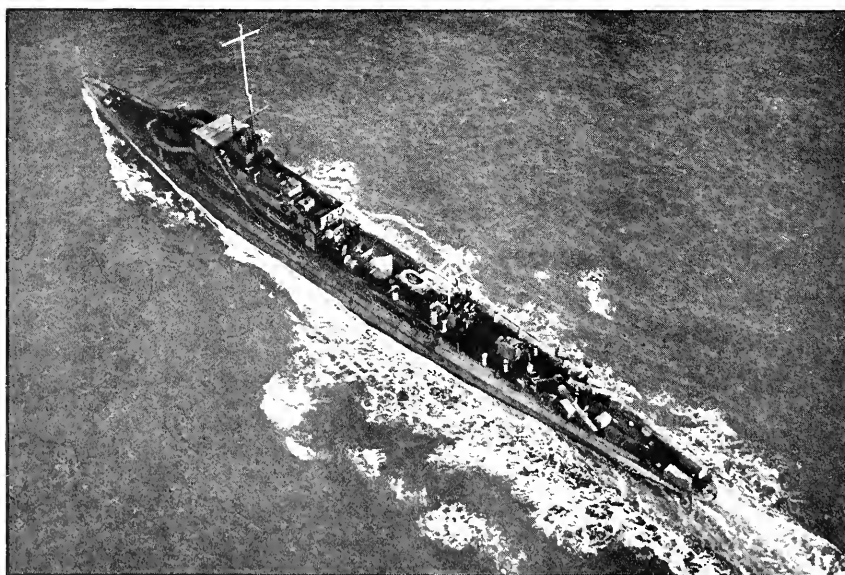
Feather of Periscope travelling fast.

# PADDLE MINE SWEEPERS.



HARLEQUIN.

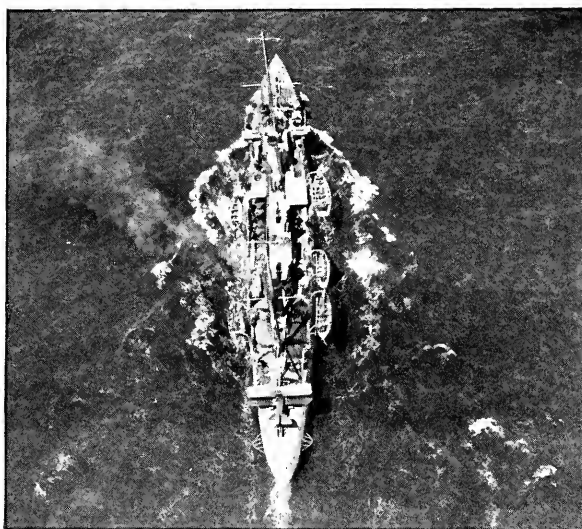
## PATROL BOAT.



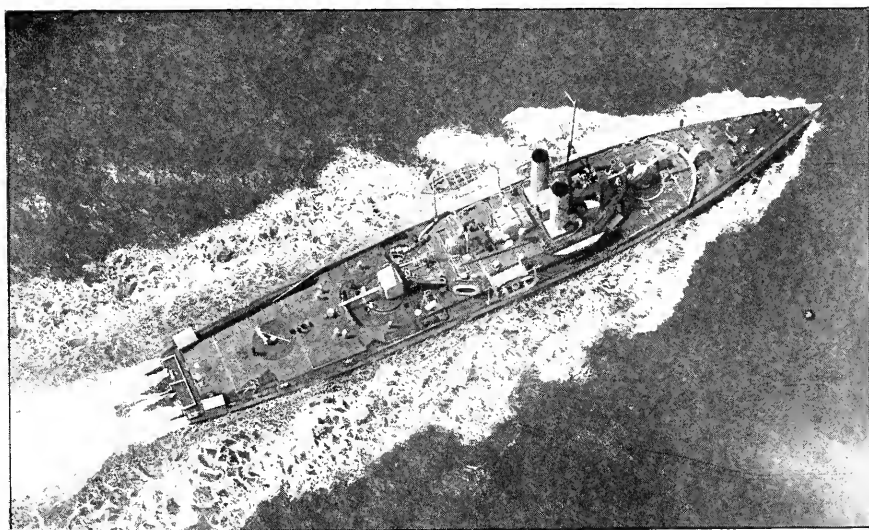
" P 34."



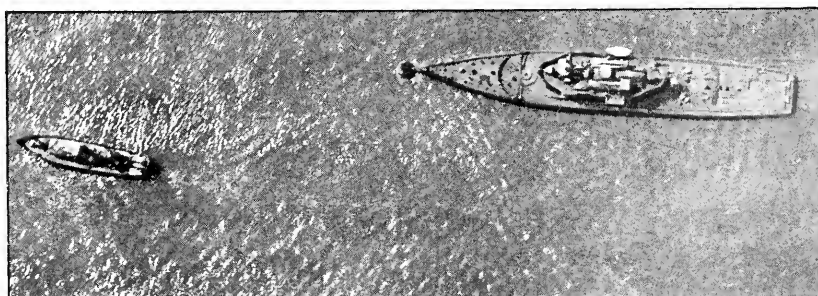
## GUNBOATS.



"HALCYON" CLASS.



CHINA GUNBOAT ("Aphis" Class).



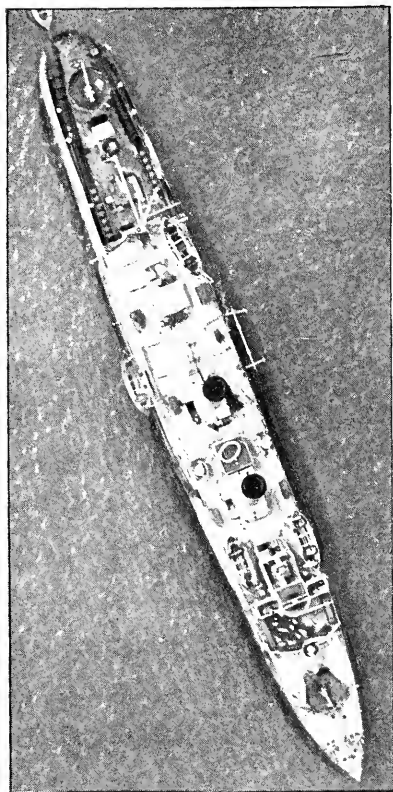
CHINA GUNBOAT.

## MOTOR LAUNCH.

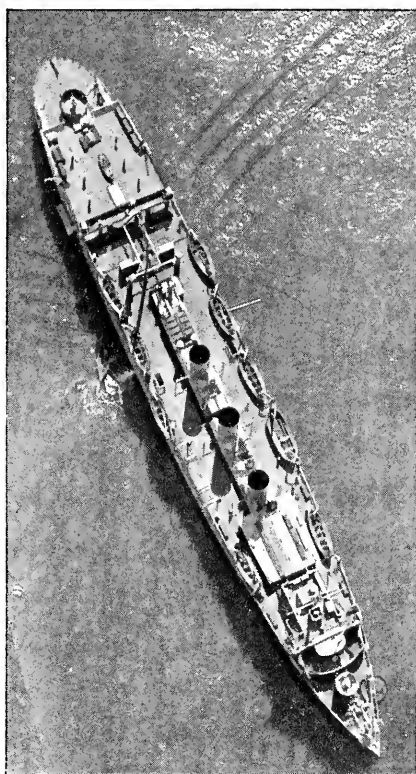


"M 274."

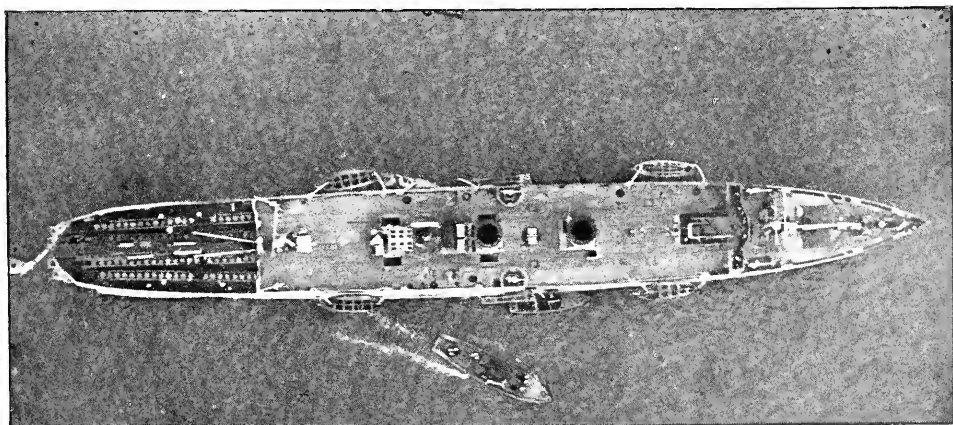
## MINE LAYING VESSELS.



PARIS.

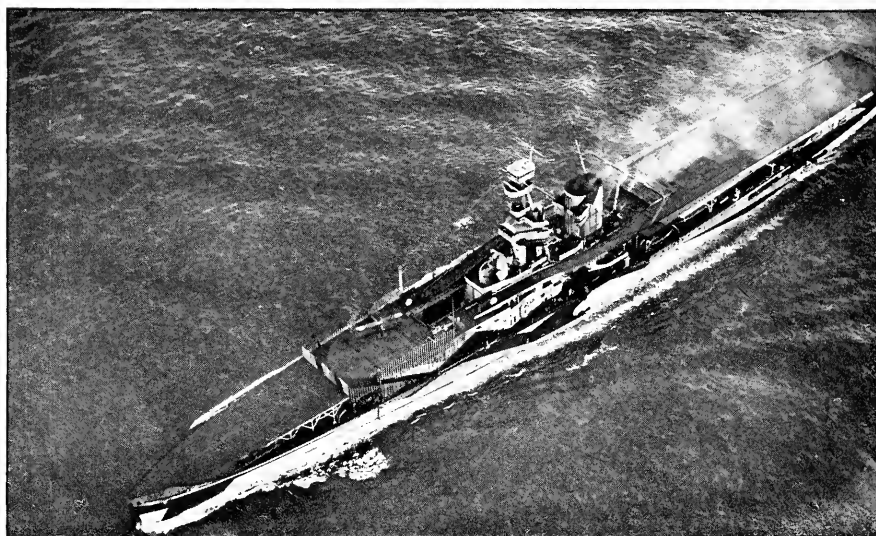


PRINCESS MARGARET.

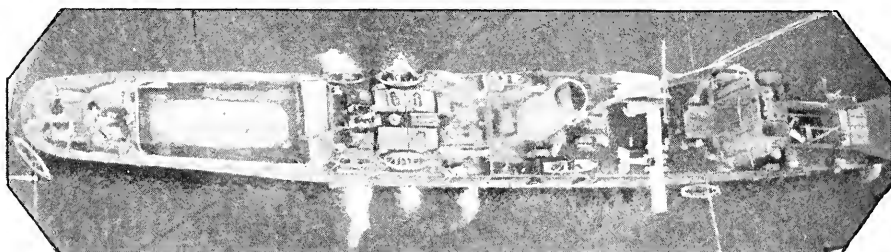


BIARRITZ.

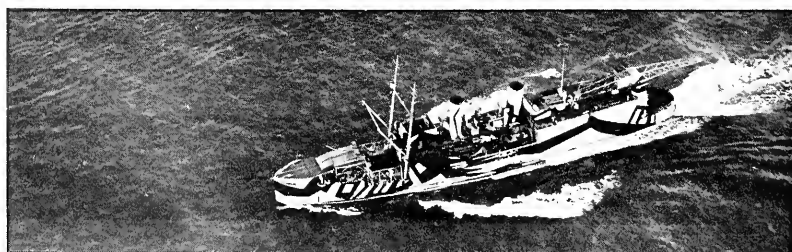
# AIRCRAFT CARRIERS.



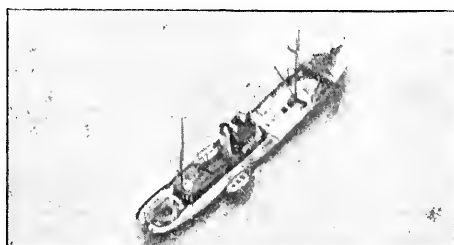
FURIOUS.



CAMPANIA.

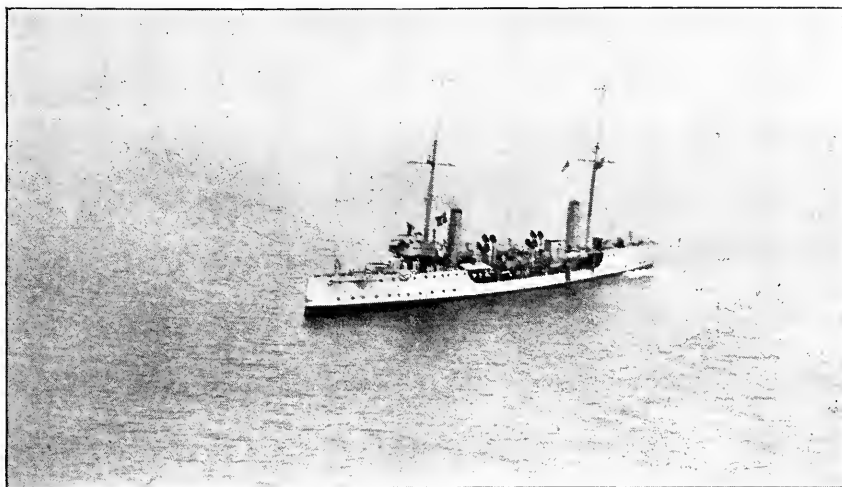


VINDEX.



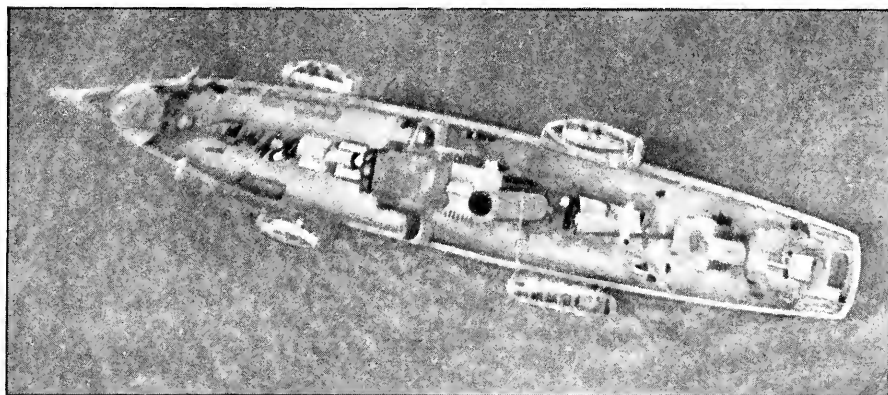
KINGFISHER.

# SUBMARINE DEPÔT SHIP.



HAZARD.  
*(Sunk in Channel, 28th Jan., 1918).*

# ARMED YACHT.



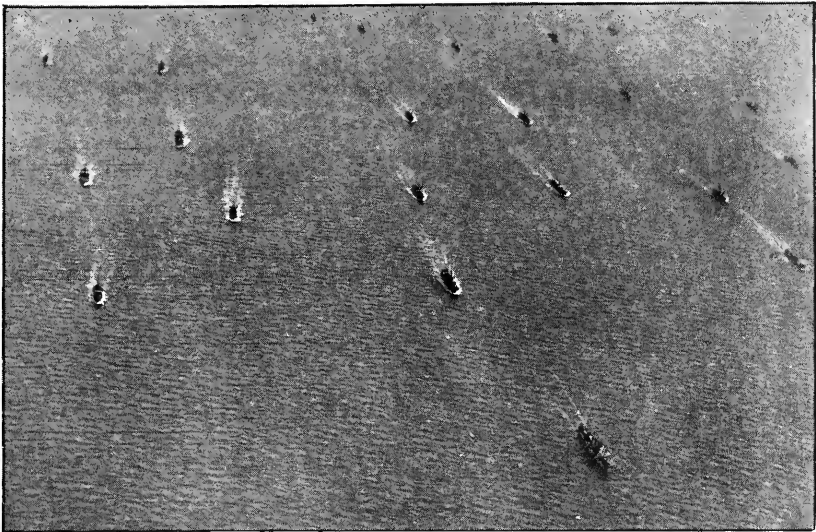
# TRAWLERS.



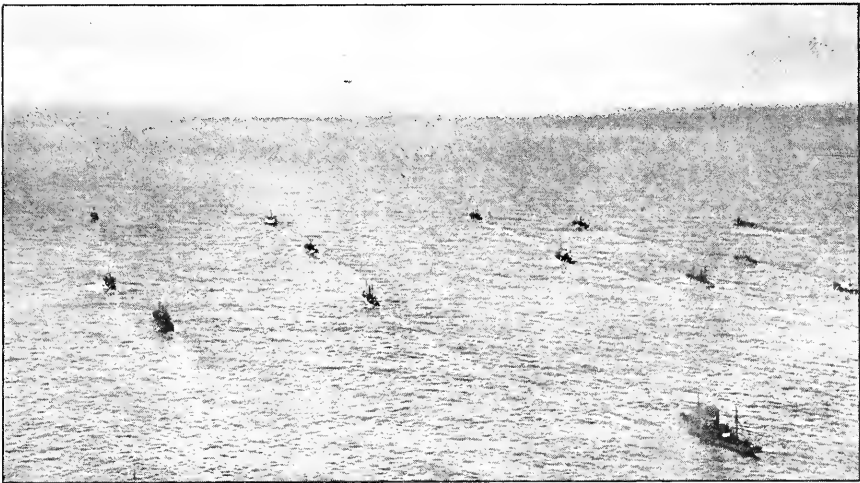
## ARMED DRIFTERS.



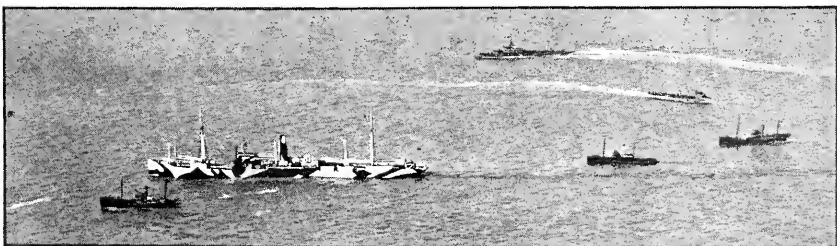




IN CONVOY.



SCANDINAVIAN CONVOY.



S.S. BOORARA—Torpedoed.

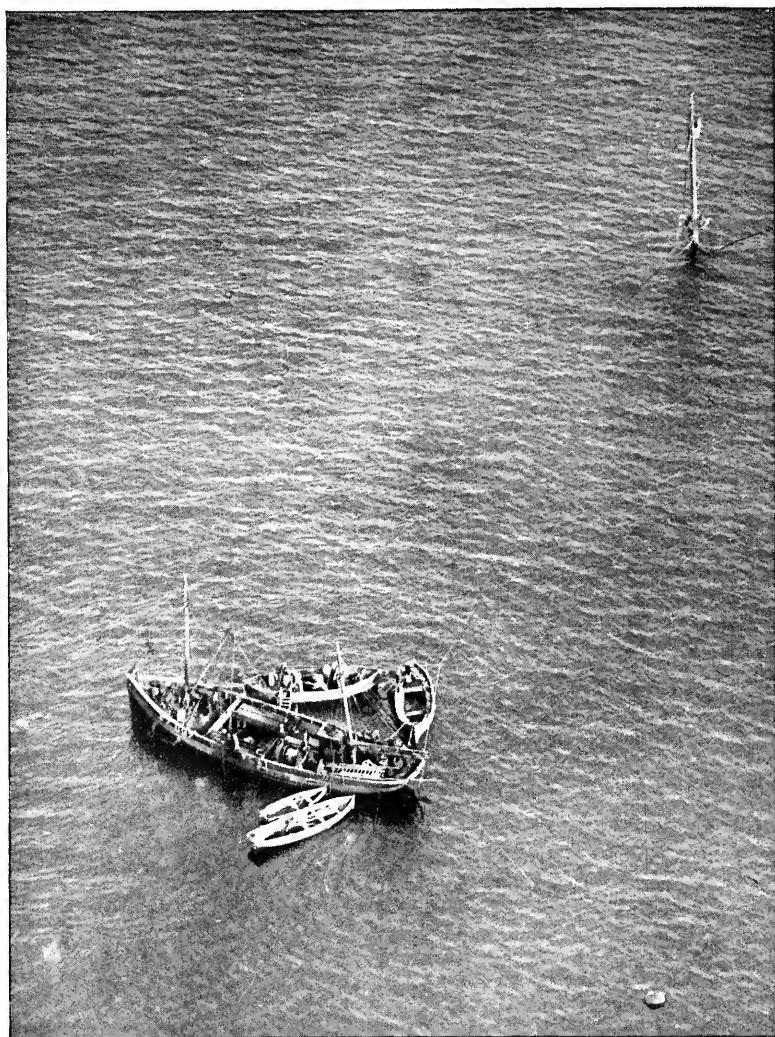
MERCHANT VESSELS (*continued*).

ASHORE.

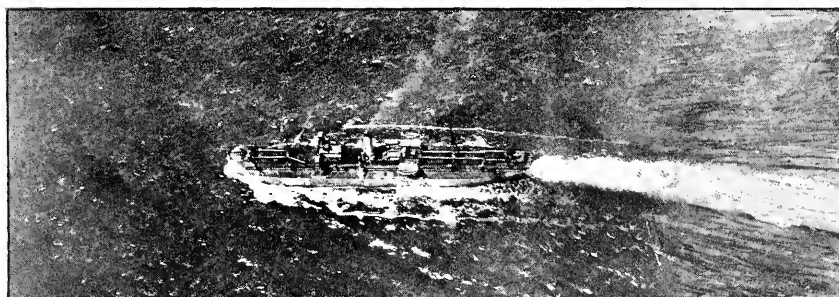


MARKING A WRECK.



MERCHANT VESSELS (*continued*).

DIVING OPERATIONS IN PROGRESS.



VESSEL WITH PARAVANES.

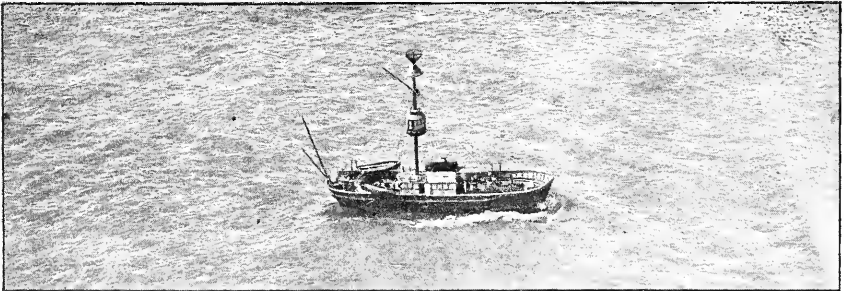
## LIGHT VESSELS.



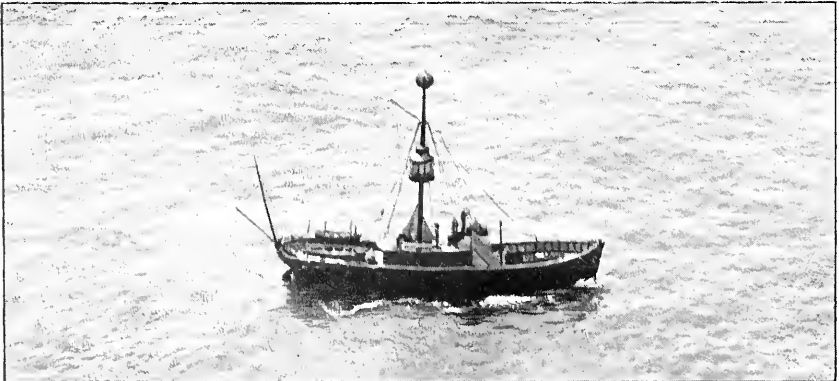
NEWARP L.S.



COCKLE L.S.



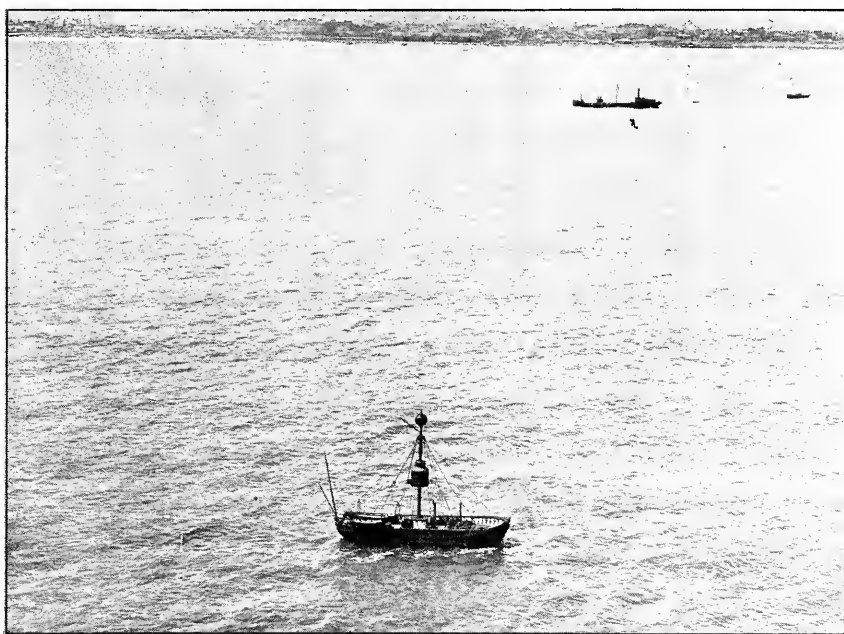
CROSS SANDS L.S.



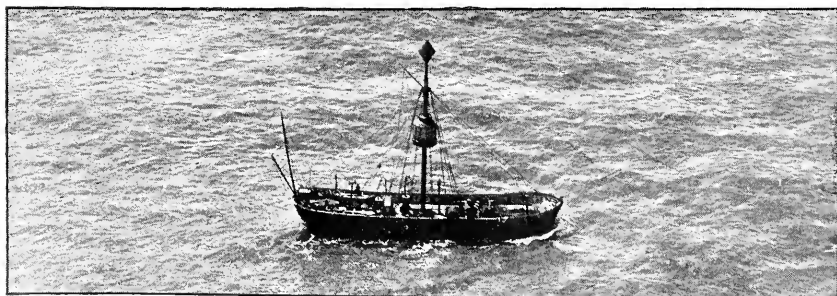
HAISBOROUGH L.S.

LIGHT VESSELS (*continued*).

INNER DOWSING L.V.



ST. NICHOLAS L.V.

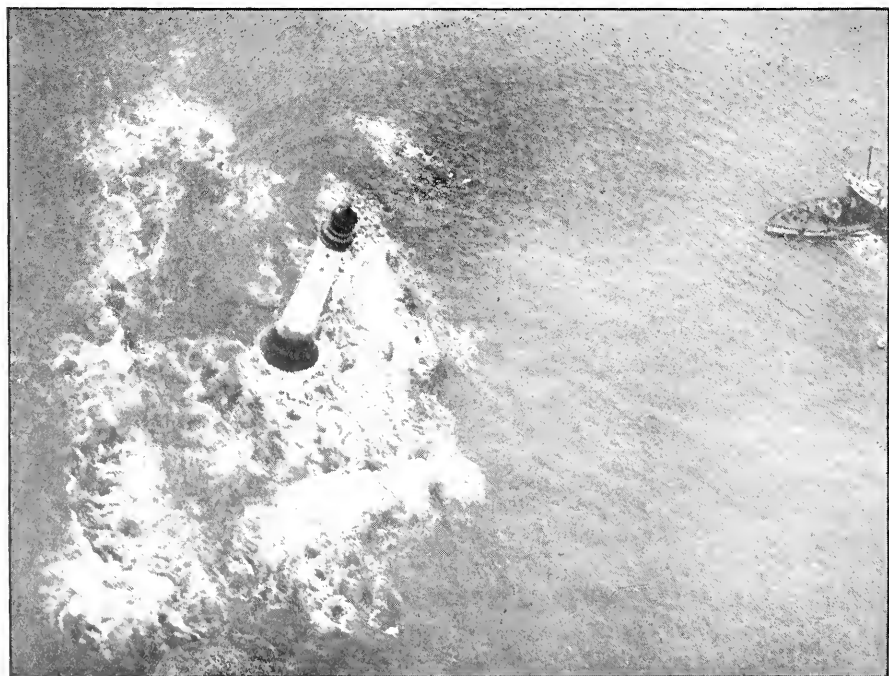


WOULD L.V.

## LIGHTHOUSES.

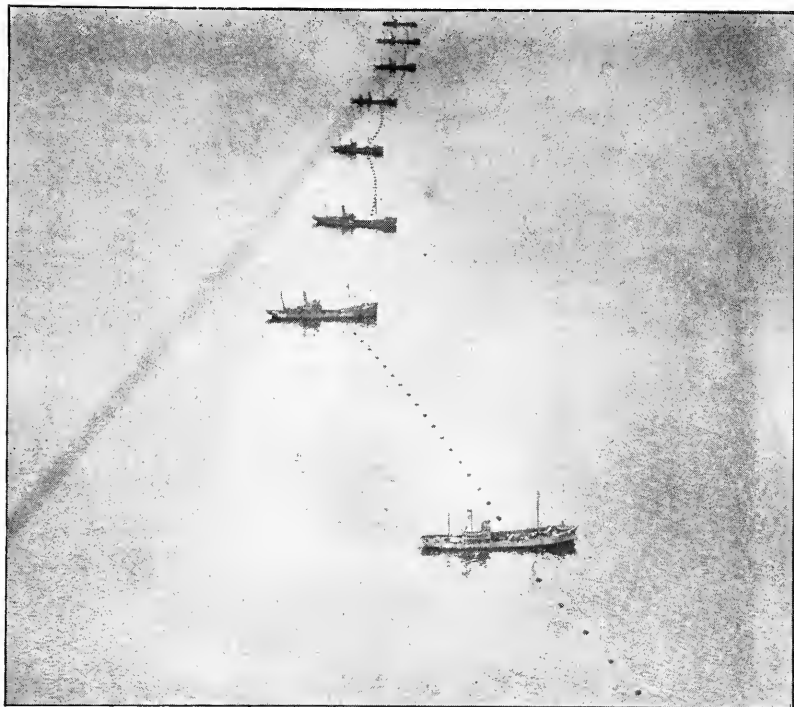


THE MAIDENS.

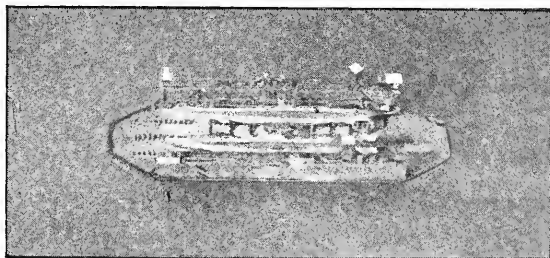


BELL ROCK LIGHTHOUSE AND WRECK.

## BOOM DEFENCE.

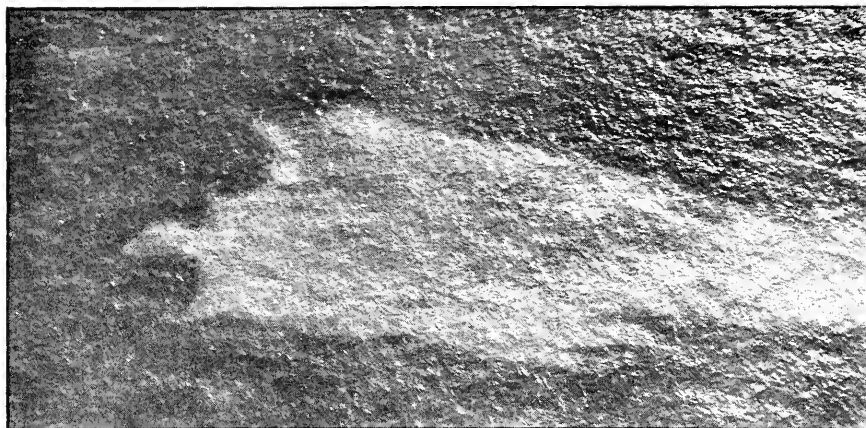


## FLOATING DOCK.





## OIL PATCHES.



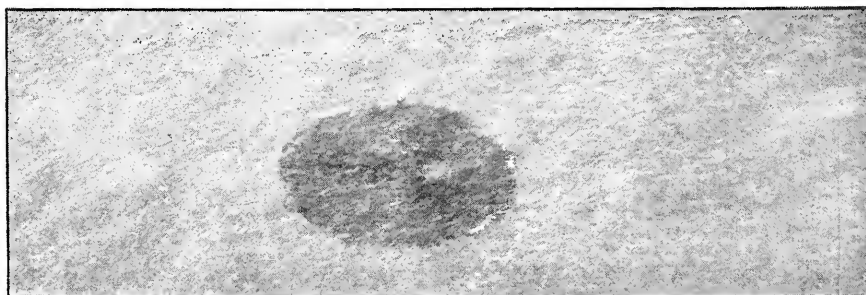
## BOMB EXPLOSION.



BOMB ENTERING SEA.



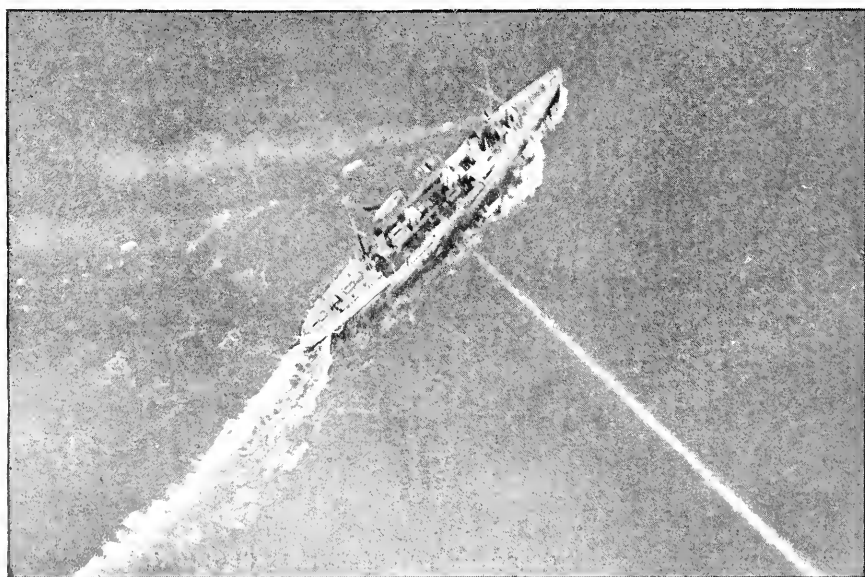
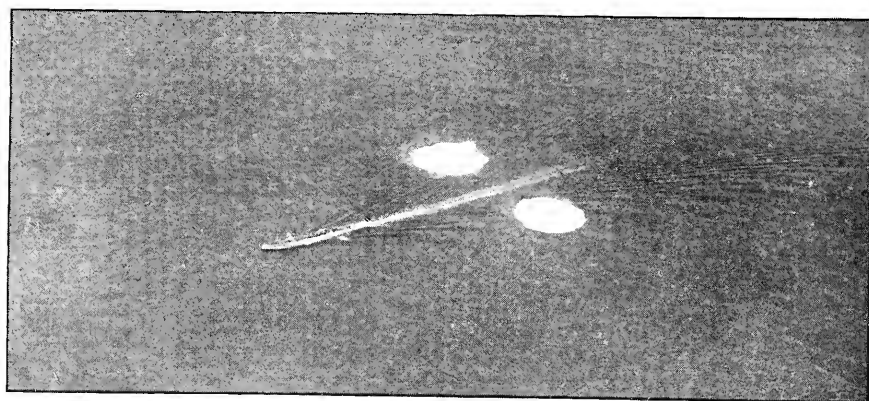
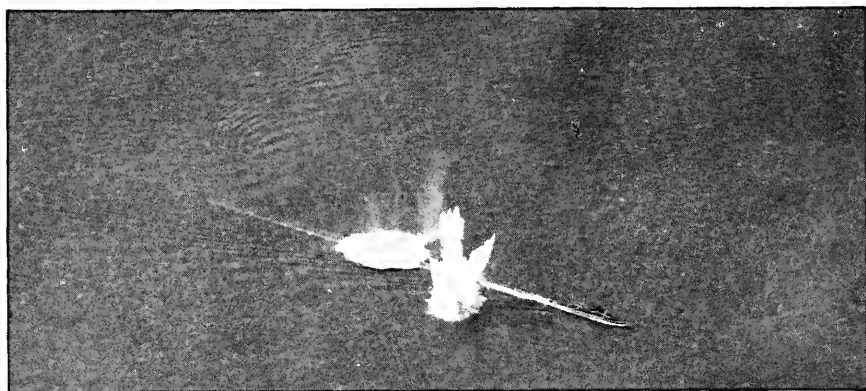
BOMB EXPLODING.



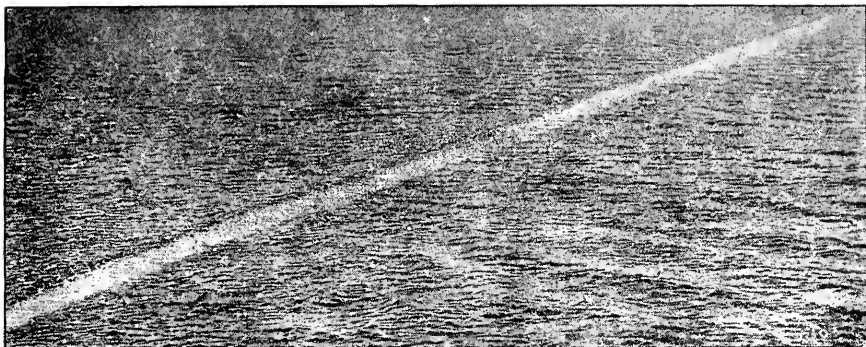
PATCH ON SURFACE AFTER EXPLOSION.



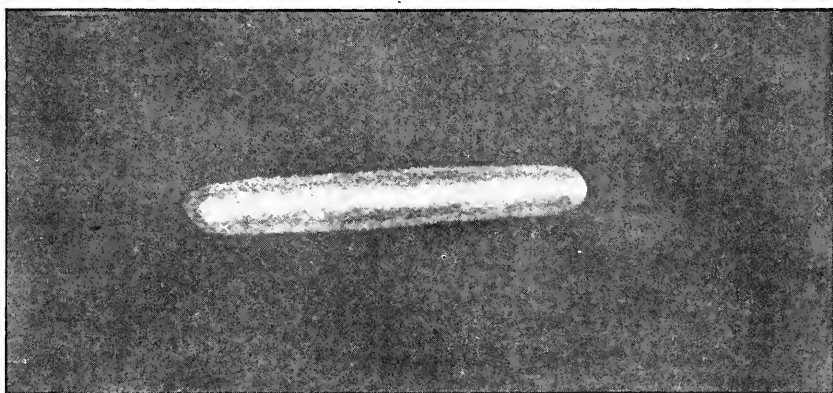
## EXPLOSION OF DEPTH CHARGES.



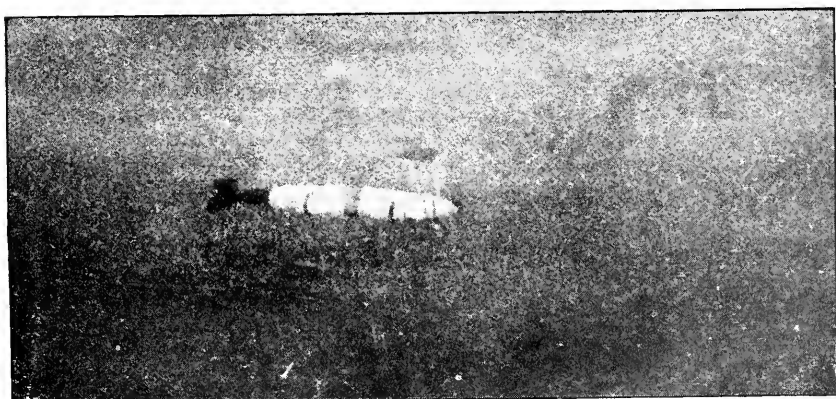
H.M.S. HAZARD STRUCK BY PRACTICE TORPEDO.



TRACK OF TORPEDO.



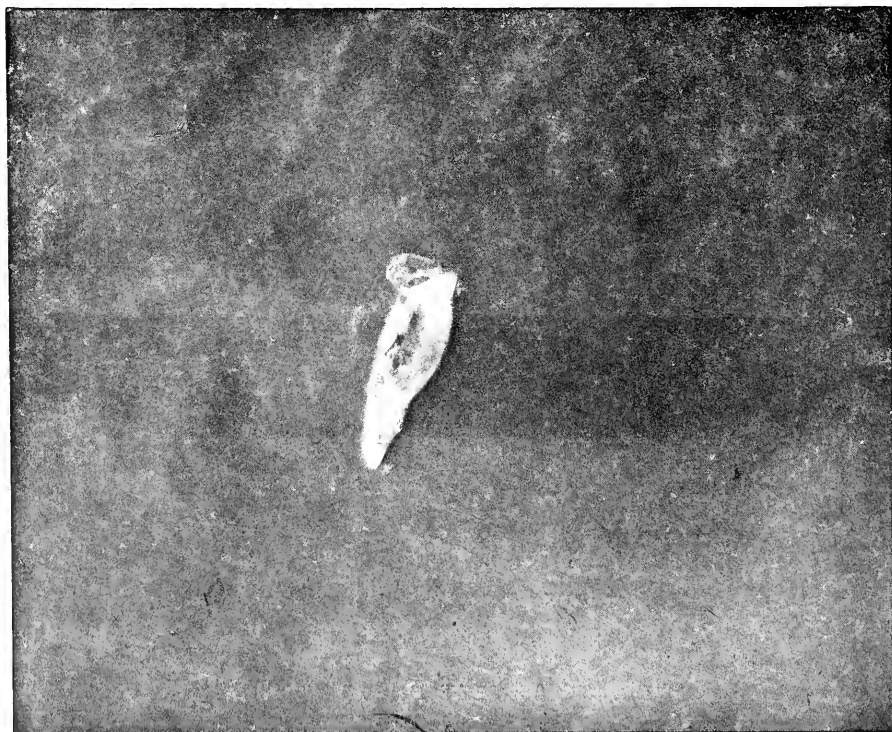
SPAR COVERED WITH BARNACLES.



PARAVANE 25 FEET UNDER WATER.

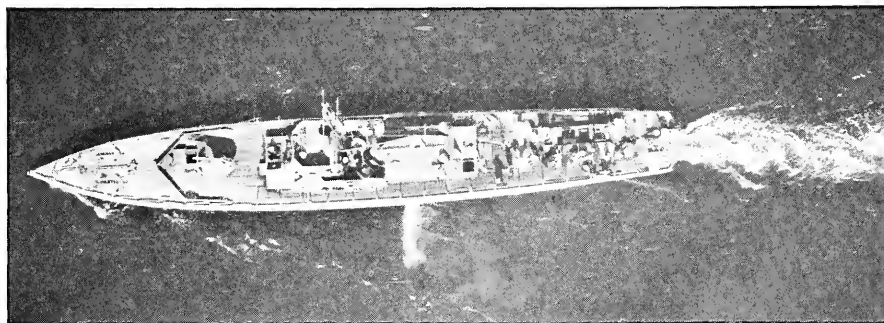
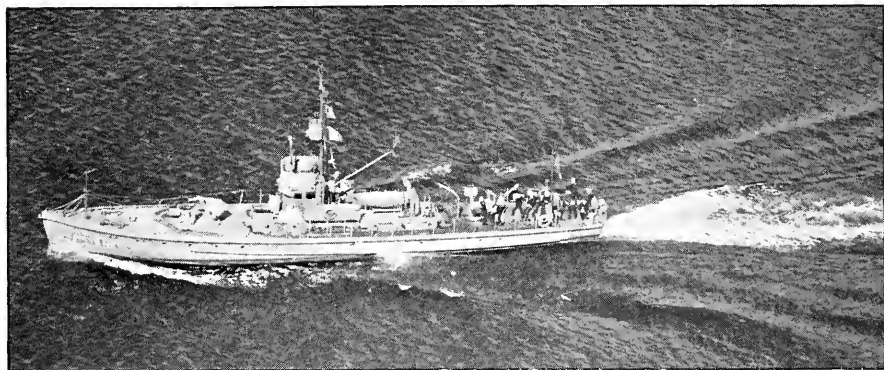


UNCHARTED BUOY REPORTED AS FLOATING MINE.



A DEAD WHALE.

## U.S.A. SUBMARINE CHASERS.







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